

64
CATALOGUE ⁴⁰

of the

hemiptera (Heteroptera)

with biological and anatomical references, lists of
foodplants and parasites, etc.

Prefaced by a discussion on Nomenclature,
and an analytical table of families

by

G. W. KIRKALDY.

VOL. I:

CIMICIDAE.



BERLIN.

Published by FELIX L. DAMES.
1909.

Smithsonian Inst.

It is now nearly seventeen years since the appearance of the first volume of Lethierry and Severin's "Catalogue général des Hémiptères", of which, moreover, only two other volumes have been published, the series becoming defunct in 1896. In the meantime a large number of new genera and species has been proposed and many important synonymic changes effected. Under these circumstances, a new Catalogue is necessary.

The present series differs from previous Catalogues in several important particulars:

1. References are given to biologic, anatomic and general notes, and to descriptions of metamorphosis. Lists of foodplants, parasites, predators, prey, etc., are added.
2. Fossil species are included.
3. The Geographical distribution is somewhat detailed.
4. The nomenclature has been thoroughly revised according to the rule of priority, and the main part of the volume is prefaced by a discussion on nomenclature.
5. There is a specific, as well as generic, Index to each volume.

The Heteroptera will probably be concluded in 6 or 7 volumes of *approximately* 350—400 pages each. The first volume, containing the Cimicidae, and the second, treating of the Thyreoxenidae, Urolabididae, Aradidae and Coreidae, will be printed as soon as possible.

To subscribers for the whole series the price will be at the rate of 80 Pf. per sheet (16 pp.); separate volumes will be sold at the rate of M. 1 per sheet.

CATALOGUS

Hemipterorum (Heteropterorum

AUCTORE
G. W. KIRKALDY.

VOLUMEN I:
CIMICIDAE.



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Sumptibus FELICIS L. DAMES.
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TO
MY MOTHER.



"Through their beauty and variety of colour and exquisite forme, they do bring to a liberal and gentle minde the remembrance of honestie, comlinesse and all kinds of virtues; for it would be unseemly for him that doth look upon and handle faire and beautiful things, and who frequenteth and is conversant in faire and beautiful places, to have his minde not faire alsoe."

"Si nomina nescis, perit et cognitio rerum."

Three-quarters of a century ago, the French Entomologist Dufour wrote of the Hemiptera, "cet ordre d'insectes se trouve un des plus négligés, des plus arriérés, soit pour la connaissance des espèces, soit surtout sous le rapport de leurs moeurs, de leurs habitudes et de leur genre de vie"¹).

The same is true to day. A host of new genera and species, indeed, has been described, and some semblance of classification, mostly based upon the adult stage alone, set forth, but there are no passably recent Catalogues in many of the groups, none at all in others, while those that exist are deficient in detailed geographical distribution, and exhibit an antiquated nomenclature at variance with the rules of priority.

In Biology and Anatomy, there has been no attempt in modern times to associate the scattered notes that have been published on life-histories, food-plants, parasites, embryology and so forth, the most recent, indeed, dating back sixty five years²).

And yet "there is probably no Order of Insects that is so directly connected with the welfare of the human race as the Hemiptera; indeed, if anything were to exterminate the enemies of Hemiptera, we ourselves should probably be starved in the course of a few months"³). It is not alone the exhaustion consequent upon the rapid draining of the plant's juices by the almost microscopic setae of the Hemipteron, that is so deleterious, it is the addition of the horde of fungus spores which so often subsequently attack the wounded surface, and quickly multiplying, penetrate into the tissues of the plant, causing decay and death⁴).

Such injurious insects as the Bed-bug (*Clinocoris lectularius*), Chinch-bug (*Blissus leucopterus*), Cotton-stainers (*Dysdercus* spp.), Sugar-cane leaf-hoppers (*Perkinsiella* spp. etc.), the Plant-lice (*Aphidae*), Mealy-bugs and Scales (*Coccidae*), are familiar even to the "Man-in-the-street", and the damage occasioned all

¹) 1833 Mém. sav. étr. Acad. France. IV. 437.

²) Amyot et Serville. 1843. Histoire naturelle des Insectes. Hémiptères. pp. I—LXXVI et 1—676; Pls. 1—12.

³) D. Sharp. 1901. Cambr. Nat. Hist. VI. 533.

⁴) Kirkaldy. 1906. Bull. Haw. Planters' Sta. I. 271.

over the world each year by the depredations of these and other Hemiptera must be colossal.

"One cause of this devastation is the extraordinary rapidity of increase, which were it not for restraining parasites and predators, would in a year or two leave not a single green leaf on the earth" ¹⁾. It has been estimated that in North America, one fourth to one half of all the grass growing annually is destroyed by leaf-hoppers ²⁾. Among the Aphidae, at the expiration of 300 days, the progeny of one individual (supposing each one to produce only twenty) would amount to the inconceivable number of 17,000,000,000,000,000,000,000,000,000 ³⁾.

As some offset to this, a few Hemiptera are beneficial, while a few provide wax or dyes, or even food for game- or cage-birds, but the total value of these is insignificant.

The Hemiptera are exopterygote, homomorphous, paurometabolous, oligonephrous and menorrhynchous — that is to say, they develop the organs of sight outside the body ⁴⁾, the young undergo only a limited metamorphosis and have no resting-stage ⁵⁾, the Malpighian tubes are few in number, and there is a sucking-mouth, which is of the same general form through all the instars ⁶⁾. It is thus evident that the Hemiptera are not now closely related to any other Order, being the most isolated of all the pterygote Orders, though they are doubtless sprung from a palaeozoic or archæozoic Neuropteroid source.

The Hemiptera of Linneus were practically those of today, except that *Thrips* is now excluded. The Rhyngota, or Rhynchota, are co-extensive with the Hemiptera, and the former names should be dropped ⁷⁾. The Mallophaga appear to have nothing to do with the Hemiptera, but the Anoplura are doubtful. Since many entomologists would search for records of the latter in a Catalogue of Hemiptera, and as they are few in number, I propose to include them, as an appendix to a later volume.

The Hemiptera are divided very naturally into two, doubtless primitively differentiated, suborders, viz: Heteroptera and Homoptera. It is of the former, that the enumeration is commenced, in this volume.

* * *

It is now nearly sixteen years since the appearance of the first of **Lethierry** and **Severin's** three volumes of a "Catalogue général des Hémiptères" ⁷⁾. In the mean time a large number of new genera and species

¹⁾ Kirkaldy 1906 Bull. Haw. Planters' Sta. I. 271.

²⁾ H. Osborn. 1893 Rep. Iowa St. Agr. Soc. for 1892, p. 686. [I have not seen the original publication, only a separate entitled "Papers on Iowa Insects", p. 54.]

³⁾ Buckton. 1876. Mon. Brit. Aphid. I. 80—81.

⁴⁾ A few highly specialized forms are apterous.

⁵⁾ Some Sternorrhynchous Homoptera are holometabolous Heteromorphs.

⁶⁾ Except in the males of Coccidae.

⁷⁾ The reason some authors have accepted Rhynchota rather than Hemiptera, is, perhaps, that they have referred to the 12th edition, instead of the 10th, of the "Systema Naturæ". In the 10th edition, the Hemiptera are not confused with the Orthoptera, and there is therefore no possible reason for the rejection of the Linnean name.

⁷⁾ These volumes (1893—96) dealt with all the Heteroptera, except the Nepidae, Miridae and Notonectoideae.

has been made known, and a rough, preliminary revision made of Westwood's and of Walker's vaguely defined species, so that a new Catalogue is imperatively necessary.

Lethierry and Severin's work has been indispensable to Hemipterists, but the absence of a specific index and the usual absence of the name of the genus under which a species was described, if different from that accepted by the authors, were very inconvenient. I have tried to remedy these defects as far as possible.

In this and the following volumes, every new specific description is cited; all, or nearly all, descriptions accompanied by figures; and the best of the others; but I have not cited each fresh binomial combination. A number of the older references, not coming under the above-mentioned heads, has been omitted; they relate mostly to the European fauna and are recorded in Reuter's "*Revisio synonymica Heteropterorum palaearcticorum quae descripserunt auctores vetustiores* (Linnaeus 1758 — Latreille 1806)"¹).

"Fossil" species are included as nearly as possible in their proper places. Considerable misapprehension regarding these is due to the absurd and unphilosophical separation, by most geologists, of present (*Pleistocene*) time from the rest of the Tertiary (or Kainozoic), as a "Quaternary" Epoch. The feeling that the species of the other Tertiary periods are the direct precursors, with but little separation in (geologic) time, of present-day forms, is thus lost, and these interesting relics are regarded with indifference by the majority of entomologists.

I have prepared small tables of geographical distribution, but although perhaps useful as affording a bird's eye view of this part of the subject, they are somewhat unsatisfactory. The number in each column, under the subregions or divisions, relates to the number of species (of that genus) present in each such division, and does not necessarily accord with the total at the end of each line²).

There have also been cited references to papers on the biology and anatomy of the Hemiptera, with lists of food-plants, parasites and predators. I fear these are rather meagre, but they have been very insufficiently treated in the "*Zoological Record*" and kindred works, and are often scattered throughout the publications of local societies. The names of plants are usually left as recorded originally, as I have no access to complete works of local botanical synonymy.

Every entry has been checked, in the first proof, from the original work, except in the few instances where I do not possess this, and I therefore hope that though printer and author are nearly ten thousand miles apart, the errors of citation may not be found numerously.

¹) 1888 Act. Soc. Sci. Fennica. XV. 241—315; and 443—812; I have cited it very rarely in the Catalogue, as I possess only a separately paged copy (1—458). It must however be referred to in all debatable points connected with the older European forms.

²) I have in preparation a paper on "The geographical distribution of the Hemiptera", which deals somewhat fully with this subject.

Nomenclature.

As one of the most important things to know, in a somewhat extensive Catalogue, is the nomenclatorial stand-point of the Cataloguer, I deal with this at some length.

It is obvious that simplicity in such a matter is the only hope of stability, but unfortunately simplicity is one of the last things considered by most authors. The great majority of zoologists is agreed that **Priority** is the only rule that can tend to bring about uniformity of usage in nomenclature¹⁾, but so many exceptions are made, on this score and on that, that the original idea is lost in a maze of bewildering details.

Some of the best-informed Hemipterists, while accepting the principle of priority, hesitate to follow it out fully²⁾. For example, Bergroth writes³⁾, „Das sogenannte Gesetz der „bons sens“ kommt selten zur Anwendung, lässt sich aber wohl nicht ganz umgehen. Kirkaldys Einführung des inveterierten Namens *Lygaeus* Fabr. für die Coreiden-Gattung *Hoplopterna* Stål und die daraus als Konsequenz folgende Umänderung der Familien-Namen Coreidae und Lygaeidae in resp. Lygaeidae und Geocoridae dürften wohl niemals allgemein akzeptiert werden“.

But, as Reuter well remarks⁴⁾, „there is, however, no doubt that a common acceptance of the right generic and specific names is only a question of time“. The more entirely mechanical, the operations of nomenclature can be made, „with the elimination of all elements of personal preference, etc. (which you will agree with me, are the causes of instability and of discord“⁵⁾, the more perfect a system we shall have, and consequently the greatest degree of common agreement among systematists.

The following paragraphs express the methods on which the nomenclature of this Catalogue is based, and I believe that they are more free from complications and exceptions than any others yet proposed.

A. Genera and species.

1. The scientific nomenclature of genera and species is the "binomial" of Linneus, dating from the publication, in 1751, of his "Philosophia Botanica"; in this, the rules for that nomenclature were first distinctly formulated, and they are the foundation of later proposals. Zoological nomenclature is kept distinct from botanical.

NB. The mononyms of Amyot (1845—47, A. S. E. France) are clearly inadmissible either for genera or species, and have no place in a binomial system.

¹⁾ This principle has been endorsed as a whole, by the latest Zoological Congresses and now has no serious opponents.

²⁾ "It sometimes happens that an author will, for the sake of peace and quietness, abstain from upsetting a recognized system of names, although he knows it to be rotten to the core, excusing himself on the trumpery plea that the correct name for an object is the name that has been most often used for it, or that by which it is most commonly known." R. I. Pocock 1891. A. M. N. H. (6) VII. 532.

³⁾ 1906 Wien. Ent. Zeit. XXV. 10.

⁴⁾ 1908 Ent. Mo. Mag. (2) XIX. 23.

⁵⁾ Prout 1905. J. N. York E. S. XIII. 213.

2. Modern systems are further based on the "Series of Propositions for rendering the Nomenclature of Zoology uniform and permanent, being the Report of a Committee for the Consideration of the Subject appointed by the British Association for the Advancement of Science"¹); certain of the propositions therein formulated, however, as also certain of those laid down by Linneus, are not accepted at the present day, experience having shown that they are inexpedient.

3. Specific names may be composed of a compound noun, or of a noun and adjective, but these should be hyphenated, or run together. Any combination of letters (thus limited for species), not preoccupied in the same category, is available for a generic or specific name, and must be retained in its original spelling.

NB. 1. Names cannot be rejected because of a tendency to be objectionable on personal, political, theological, or any other grounds (except preoccupation), even if making false propositions, science not being concerned with persons, politics or theology.

This is one of the most controverted of nomenclatorial subjects. The nomenclature is *supposed* to be latin or latinized, but this rule has fallen greatly into disuse, a very wide latitude having been taken even at the beginning, as *Musca frit* of Linneus and *Cimex schach* of Fabricius are scarcely latin or latinized. I do not propose to deal with the subject of "classical emendations", because the last fifty years and more have proved the uselessness of such discussion. The gamut of change ranges from those who make only such alterations as they suppose will not obscure the word, such as "*Schyzops*" to "*Schizops*", while others alter *Enicocephalus* to *Hemicocephalus*, *Scutiphora* to *Peltophora*, *Corimelaena* to *Coreomelas* or even *Melanocoris*, *Eli-diptera* to *Helicoptera*, *Ectrichodia* to *Ectrychotes* and so forth, to the undoubted detriment of convenience and stability. In a class by themselves stand Walsingham and Durrant, who would reject "homophonous" names, declaring that *Eusesia* and *Ucetia* are pronounced in the same way!²)

When a classical scholar of the calibre of the lepidopterist Meyrick maintains that generic names are to be considered merely as arbitrary combinations of letters, I feel secure in the stand I have taken on "**priority without exception**". Bergroth has attacked my views vigorously³), but I have nothing to reply, as we seem to have, on this subject, no ground in common. It is certainly interesting to know the correct grammatical form of any word, but it has nothing to do with entomology, and the meddlesomeness of many authors in this respect has been one of the principal causes of present day confusion in nomenclature⁴).

Bergroth goes so far as to deny me the right to name new species as

¹) Rep. Ass. for 1842, p. 105; reprinted 1843 A. M. N. H. XI. [not IX, as cited by Hagen] 259—75; these did not provide properly for the fixation of genotypes. For the present "International Rules" cf. C. W. Stiles 1905, Bull. 24. Hyg. Lab. U. S. Publ. Health Serv. (pp. 1—50.)

²) "Rules for regulating nomenclature" etc. 1896.

³) Wien. E. Z. XXV. 11—12. (1906.)

⁴) "The principle of priority is weakened when the original form of a name is relinquished, not in the interests of science, but of scholarship." Stebbing, 1898, Zoologist (4) II. 424.

I think fit, actually renaming my *Anisops edepol*, "*A. Kirkaldyanus*", a very left-handed compliment! „Kirkaldy schmückt mit Vorliebe seine neuen unansehnlichen Wasserwanzen mit allerlei schönen Namen aus der *Mythologie* etc., wie wir sie sonst nur bei den Tagesschmetterlingen finden¹⁾. Dies ist ja Geschmacksache, aber wenn er eine *Anisops*-Art *edepol* nennt, so werden die erlaubten Grenzen überschritten. Wenn Interjektionen und eidliche Beteuerungen als Artnamen akzeptiert werden . . .“ I have only to remark that Dr. Bergroth can never have seen an *Anisops* alive in its natural element, when he stigmatizes it as “unansehnlich”.

NB. 2. Proper names in (1) *i* or *ii*, (2) *ae* or *iae*, are to be considered identical; (3) *v* and *u*, (4) *i* and *j*, (5) *oe* and *ae*, ought not to be considered distinct. On the other hand, *k* should be regarded as distinct from *c*.

NB. 3. In this Catalogue, the specific names have been adjusted, as far as possible, to agree with the *supposed* gender of their genus. But I am strongly of the opinion — which I put into practice in my first contribution to the “Fauna Hawaiiensis” — that genera should be treated as indeclinable, and the specific name consequently unchangeable. For instance, in transferring “*Lecanium nigrum*” to *Coccus*, I termed it “*Coccus nigrum*”²⁾.

There is really a great deal of humbug displayed in certain quarters over this matter. As it is, there are certain names over which authors habitually split, as for instance, *Ancyrosoma*. The type is *Cimex albolineatus* Fabricius. In my opinion the correct way to cite this species would be “*Ancyrosoma albolineatus*”.

Many authors maintain that *Ancyrosoma* is a Greek compound, and neuter, and therefore the combination should be “*A. albolineatum*”! However, *Ancyrosoma* is not Greek, but a latinized form, and according to present rules, generic names are *supposed* to be latin, so that a third class would term it “*A. albolineata*”! We see therefore what a farce the whole question has become.

I commenced the final MSS. of this Catalogue in what I consider the rational way, but, as the present rules profess to ground the nomenclature on latin, and because of the “weaker brethren”, I have treated the genera as possessing gender; however, against, I fear, my better judgment.

4. The fact that the names of a genus and of one of its species are identical, does not invalidate either. It is, indeed, desirable that the type-species should bear the name of the genus.

NB. 1. This is another debatable point, but the rejection of either of such a pair of names is a violation of the rule of priority, the names belonging to different categories and so not clashing.

NB. 2. The use of *typus* or *typicus* for a specific name is very undesirable. A new genus may be proposed, with a type so-named; later on it is found to be synonymous with an earlier genus and consequently the

¹⁾ Bergroth forgets that one of the names of the Goddess of Love is applied to a worm, to mention only one instance!

²⁾ “it is no essential part of natural history to discover that *Melicerta* is masculine, *Ino* feminine, *Callisoma* neuter; that *planus* and *plana* are adjectives, but *navus* and *nana* substantives; or that you may say *longimana*, to signify long-handed, although *mana* in Latin means, not a hand, but a goddess or a sponge.” Stebbing 1905 Linn. Soc. [London] Journ. Zool. XXIX. 335.

"typus" or "typicus" is removed to the older genus, of which it is quite likely not to be at all typical.

5. Names given to immature stages are valid, but, as a rule, inadvisable.

6. No generic or specific name (or that of their respective divisions) can acquire authority, unless accompanied by a description, or reference to a previous description, and cannot under any circumstances affect later synonymy. The casual citation of a name (not proposed as an "emendation" or as a "substitution") cannot affect any future use of that name.

7. Generic and subgeneric names should be written with a capital initial, specific always with a small initial letter.

8. For purposes of priority, 1. subgenera rank as genera, if necessary; and 2. subspecies, varieties etc. similarly rank as species.

NB. Names of subspecies, varieties etc., if adjectival, should be made feminine after "subsp.", "var." etc. This is very largely neglected, even by many authors who pose as classical scholars.

9. The name of the describer of genera or species should be placed directly after the genus or species. Ex. 1. *Cimex* Linneus; 2. *Cimex personatus* Linneus. When a species is removed to another genus, the name of the original describer (of the species) to be placed in brackets. Ex. *Reduvius personatus* (Linneus). To avoid confusion, it is better to write the names of authors in full; ex. "Linneus", not "Linn." or "Lin." or "L."

10. The typical subgenus (i. e. that which contains the type of the genus) must bear the same name as the genus. The typical subspecies or variety to be dealt with in the same way.

11. In the case of 1. genera, 2. species, described in the same work (published on the same date), being synonymous, page precedence to have effect.

NB. "Priority-by-page" has been compared to type-selection by "first species", but I can see no analogy. Page-priority may be likened to the case of twins in primogeniture.

12. When a specific name is not "preoccupied", but "wrongly identified", the name cannot be used for the later species when removed to another genus.

Ex. *Cimex nobilis* Sulzer was wrongly identified, *C. nobilis* Linneus being a different species. The Sulzerian species ought therefore to be cited not as *Scutellera nobilis* (Sulzer), as it is by Schouteden, but as *S. perplexa* Westwood. Similarly *Notonecta minutissima* Fabricius was a mistaken identification of *N. minutissima* Linneus, and should therefore be termed *Micronecta leachi* Mc Gregor and Kirkaldy.

13. The case of preoccupied specific names is very difficult and the cause of much controversy. Some authors believe that if the preoccupied species has been placed validly in another genus by a later author, before it has been redescribed under another (valid) name, then the preoccupied name should be used. Ex. *Cimex albolineatus* Fabricius 1781, described as a new species, was preoccupied by Goeze 1778. If no other specific name had been proposed till it was placed in another genus (e. g. *Ancyrosoma*), it would then be *Ancyrosoma albolineata* (Fabricius) — or perhaps better *A. albolineata* (Quidam). It was, however, named *C. leucogrammes* by Gmelin 1789, and

would therefore be termed *A. leucogrammes* (Gmelin). In some respects, this view is perhaps more regardant of the *spirit* of binomial nomenclature, but it is open to grave objections. Ex. *Gerris marginatus* Say 1832 is a typical *Gerris*. *G. marginatus* Guérin (1844, described as a new species) is a *Limnogerris*, which some authors regard as a valid genus, others as a subgenus of *Gerris*. The species is therefore termed by the latter *Gerris guerini*, by the former *Limnogerris marginatus*. It seems to me that **stability** — the prime matter of importance — is more nearly secured by the ancient rule: "**Once a homonym, always a synonym**". "Justice to first describers" is too much harped upon by some authors. The priority rule is adopted not from any idea of credit to first describers, who often do not deserve any, but because it admits of the most entirely mechanical application, thus tending to eliminate personal preference and to ensure stability.

O. M. Reuter has now given his adhesion to this view¹⁾. He says, "when a specific name is existing simultaneously twice or several times within the same genus, the latter ones, as lacking every right, should be rejected *for ever* and replaced by others". As a matter of fact, only a small percentage of specific names are thus open to suspicion; the chief desideratum now is to have types validly fixed for all genera, and to have Catalogues up-to-date.

B. Nomenclature of groups of rank higher than the genus.

14. Tribes should end in *-ini*, subfamilies in *-inae*, families in *-idae*, and superfamilies in *-oidea*, these being suffixed to the supposed root of the oldest generic name in the respective group. The tribal ending *-aria*, adopted by Stål and Reuter, is not usual in other orders and is less distinctive than *-ini*³⁾.

My friend Reuter has criticized this procedure of mine²⁾, but I still think it the only valid method. Practically all the older genera are now well known, and the chance of future confusion is small. Moreover, by adopting Reuter's views, one would have a family Lygaeidae which did not contain a genus *Lygaeus*, a family Cimicidae which did not contain a genus *Cimex*, and so forth. Dr. Reuter will remember the time when the Miridae were almost universally styled "Phytocoridae", but who ever uses that name now? Similarly "Supericornia", "Infericornia", "Scutatina" etc. were once universally used, but now are scarcely even referred to as Synonyms.

C. The fixation of genotypes.

15. The type of a genus must be one of the original species, unless it can be shown that none of the original species agree with the generic diagnosis, ordinary errors of observation being disregarded.

NB. These exceptions are very few, the most flagrant being Latreille's original type-citation for *Myodocha*.

16. If only one species is described or mentioned (if previously described) at the inception of the genus, that species must be the type.

¹⁾ 1908 Ent. Mo. Mag. (2) XIX. 28.

²⁾ 1905 Festschr. für Palmén no. 1.

³⁾ Breddin has recently employed *-oidea* for tribes, a most unfortunate innovation (1907 Deutsch. E. Z. 203).

NB. It has sometimes happened that such an author has misidentified a previously described species; in this case, if it can be proved indubitably, then the type should be the describer's misidentification, not the supposed species, unless the latter, rather than the former, apply to the generic diagnosis. Ex. The type of *Corixa* is cited as *C. striata* (Linneus), but it has never been doubted that it is not the true linnean species. The type of that genus is, therefore, cited as "*C. striata* Geoffroy, not Linneus, = *geoffroyi* Leach."

17. If a species is specially singled out at the inception of the genus, it will be the type. Ex. *Lygaeus* type *valgus*; *Phantasmatocera* type *arborea*.

18. If only one species is mentioned, or redescribed; or if one species is described, while the others are all referred to it, or, secondarily, to one another, for comparison; the first is the type. Ex. *Gastraular* H-S. was composed of two species, of which the second (*thulassinus*) was stated to be very similar to the first (*torquatus*). *G. torquatus* is therefore the type.

NB. This, except at the inception of a genus, or for some reason provided for in the rules, does not apply to purely faunistic works, where only a few of the known species are discussed.

19. The type of a preoccupied genus will necessarily be the type of the substitution, unless expressly contradicted by the author of the latter. This has been criticized in detail by Bergroth¹⁾; my view of it is as follows:

The genus *Platycephala* Laporte (1832) was preoccupied. Boisdual in 1835 described *Brachyplatys* for *vanikorensis* which is not generically separable from the type of *Platycephala*. Westwood (1837) enumerates on p. 5 of his Catalogue, 16 species of *Platycephala* (which he synonymizes with *Coptosoma*, *Thyreocoris* Burm., *Brachyplatys* and *Globocoris*). On pp. 16—17 he describes 2 new species of *Plataspis* and adds in a foot note, "*Platycephala* Lap., genus *Dipterorum* Meigenii".

Now it is evident that *Plataspis* was not a "new genus", but a new name given to a previous conception (type *metallica*) and that Westwood was simply adding two new species to it. *Plataspis* is therefore a synonym of *Brachyplatys* and || *Platycephala*. The same remarks apply to *Pachymerus* and *Pamera*, as also to such genera as *Aleria* and *Nealeria*. The type of *Pyrrothotes* was fixed by Westwood as *abdominalis* and the genus is therefore a synonym of *Leptocoris*. *Ectrychotes* was expressly an "emendation" of *Ectrichodia* and therefore takes the same type, viz: *cruz*.

20. The first species is not, necessarily, the type, unless the author expressly states that he fixes his types in that manner. Ex. Westwood from 1839.

21. The commonest or best known, species is not, necessarily, the type.

NB. Some authors (Blanford, Stiles etc.) have sought to make *lectularius* the type of *Cimex*, resurrecting for that purpose an obsolescent dictum of Linneus in the "*Philosophia botanica*"²⁾. I have sufficiently refuted this³⁾.

¹⁾ 1906 Wien. E. Z. XXV. 9—10.

²⁾ W. T. Blanford 1903 Nature LXIX. 199—201; 1904 op. cit. 464; 1905 Entomologist XXXVIII. 110. Reply by Kirkaldy 1904 Nature LXIX. 464; 1905 Entomologist XXXVIII. 76—78 and 304—6. Cf. also C. W. Stiles 1907 P. E. S. Washington VIII. 67—68. J. A. Allen 1905 Science (N. S.) XXI. 428—33.

³⁾ 1905 Entom. XXXVIII. 77.

but refer further to an admirable paper by Gill¹⁾, who clearly shows the unreliability of Linnean applications of classical names. Reuter has now given in his adhesion to my claims on behalf of *Cimex* and *Clinocoris*²⁾ as has also Bergroth, and the matter may therefore, it is hoped, be considered as settled.

22. If an author in dealing with all the known species of a genus, removes all but one species to other genera, that species is the type; or, if several are thus left, then those are the "type-possibilities". Restriction by residues is not considered valid³⁾.

23. Any author may fix the type of any genus, provided that it be one of the original species of that genus and that such fixation be permissible by the previous operations of other authors.

24. If a genus, having no type assigned, be divided into two or more subgenera (none of the latter bearing the generic name), the fixation of the genotype (and of the typical subgenus) to be determined subsequently as follows:

a) Any subsequent author (providing intermediate authors have left the way open), may fix the type of the genus out of any one of the subgenera, the name of that subgenus then becoming a true synonym of the genus.

b) If a genus, having no type assigned, be divided into two or more subgenera, one of which bears the generic name, the type must subsequently be fixed from that subgenus.

c) If some of the subgenera are raised to generic rank, the remaining one falls as a synonym of the genus if one be left, or "(a)" comes into operation if two or more be left.

25. Where genera (containing more than one species) have no type fixed, any subsequent author can fix the type (except as above), even to the detriment of the original author. Ex. If such a genus contain the type of an earlier genus, it is allowable, and indeed preferable, to synonymize it with the earlier genus, even if some of the other species do not belong to such earlier genus.

26. The following categories of species are excluded from consideration in selecting genotypes:

a) Those not included under the genus at the time of inception (except, very rarely, as in *Myodocha*).

1) 1898 Smithsonian Rep. for 1896, pp. 457—83, especially 466—68.

2) 1908 Ent. Mo. Mag. (2) XIX. 22—29.

3) The followers of the method of residues "have allowed one name, independently erected, to 'restrict' another — whereof the second author had probably never even heard! — have forbidden an author or reviser to fix as type of one genus a species which has earlier been made (or which even now becomes, on their arbitrary methods) the type of another, and have brought in other extraneous elements which have resulted, as Sir George Hampson has so well said, in a 'reductio ad absurdum'. If the history of each name were traced independently and types fixed in accordance, the matter would be greatly simplified. Compare Walsingham and Durrant's 'Merton Rules' No. 44: 'He who first restricts a genus under its own name limits the possible type', etc. There is nothing 'absurd' in this, quite the reverse; for it recognizes and respects an intention to revise antecedent work, and fulfils the requirements of the 'British Association' and other codes. Theoretically, no author ought to revise nomenclature without knowing his literature (of course mere faunistic lists can be ignored as they have no restrictive influence); but even if, as you suggest, some reference were overlooked by the monographer, it would not dislocate an entire catenation of names, as on the Scudder system, but, at the worst, only the one, or ones, immediately involved." L. B. Prout 1905 J. N. York Ent. Soc. XIII. 214—15.

b) Those queried at time of inception of genus.

c) Those mentioned in their description as mutilated in some character mentioned in the generic description.

d) Those later on removed to other genera, except in cases where genera have been reversed, as in *Cicada* and *Tetigonia*.

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Another controverted question is: **Shall a species be determined according to the type-specimen or the description?** This seems to me not at all doubtful, yet so many competent entomologists hold a view opposed to mine, that it must now be discussed.

In the case of closely-allied species, in which characters, not mentioned by their authors, are subsequently found to be of great value, the inspection of the type-specimen is very important, perhaps indispensable. Yet I think the *supposed* type should not override the description¹⁾.

For example, if the type-specimen of a supposed *Cimex bidens* were labelled in the author's handwriting "*Cimex rufipes* type", surely the indication should be disregarded; yet I have heard the opposite view seriously advocated by a well known entomologist. In determining species by description, one must bear in mind the date at which the description was made, as also the methods of the author. For instance an author might describe a bug as having quadri-segmentate antennae when it really has five segments, and so forth. But it is too possible for labels to be shifted on type-specimens, to allow the stability of nomenclature to depend entirely on such labels. In my opinion, the type-specimen should only be called into court as a last resource, for precise determination.

But even when the type of a genus is fixed satisfactorily to all disputants and when claims to priority are apparently fairly adjudicated, there still comes into play another factor which is always liable to upset apparently final results, that is, **wrong dating!**

It is comparatively very rare to find separate works in which the exact date of publication is given, though the latter is happily the case increasingly frequently in periodicals. There is no reason whatever why *every publication* in which new forms are described, should not be dated with the exact date of publication. But some of those which fulfil this requirement, do so falsely. I am sorry to pillory a magazine which has published such excellent work, but I am obliged to mention the "Revue d'Entomologie" as, (at least in former years) habitually bearing a false date. Thus, papers dated October would not be published till January of next year, and these discrepancies, **which were almost habitual**, were never acknowledged. Other cases have been noted from time to time. On the other hand, we occasionally find works post-dated! For example the second and third parts of Fieber's „Die Europäischen Hemiptera“ were dated 1861, but were actually published Nov. 1860, so my friend Prof. Anton Handlirsch writes me.

Another cause of uncertainty is the claim by certain workers, that the earlier issue of a few "author's separates" is sufficient to insure priority. For example, Dyar²⁾ claimed priority, a little while ago, for certain de-

¹⁾ Cf. also A. S. Hitchcock 1905 Science (N. S.) XXI. 828—32.

²⁾ J. N. York. Ent. Soc. XIV. 231.

scriptions of Culicidae¹⁾ on the ground that "author's separata" were "distributed" on March 14th 1906, the number of the Journal appearing in the following December. I have registered a strong objection²⁾. If author's separata are priced, and advertised at the time of issue, or at least copies sent out to the "Records", copies for sale being at the same time available, then doubtless priority could be claimed, but the idea that distribution of extracts, not on sale, to a few friends, constitutes "publication", will not, I believe, find acceptance.

The whole subject of "separata", dates of publication, and methods of publication, is well worthy of special consideration at the next Zoological Congress.

Among other matters, directly connected with instability in nomenclature, or at least, of trouble in tracing records, is the custom, still unhappily prevalent, of issuing separately paged copies of "author's extracts". The private worker must as a rule, use these, as he is generally dependant upon the kindness of the author, or upon purchase of such an "extract". To the fact that Reuter's "Revisio synonymica", Mulsant and Rey's "Punaises de France" and other works, were issued thus separately paged, is due the almost entire omission of reference to the former in the body of the Catalogue, and the possible incorrectness of some of the references to the latter.

Sometimes it almost seems as if editors were doing every thing possible to make unnecessary work and trouble for their colleagues. For instance, I select at random from my Library —

1. Montandon's "Hemiptera Cryptocerata" etc. — in the Verh. zool. bot. Ges. Wien for 1897 pp. 1—19. On comparing this with the Zoological Record, I find the correct pagination is 6—23!

2. J. Martin's "Les larves d'Hémiptères Cryptocerates" etc. — in the Bull. Mus. Nat. Paris, 1896, no. 6. pp. 1—2. By the same means I find the real pagination is 234—35!

3. Gerstaecker "Bestimmung der von Herrn Dr. F. Stuhlmann in Ostafrika gesammelten Hemiptera", pp. 1—16, in Jb. Hamb. Wiss. Anst. IX (2). In the same way, I find the correct pagination to be 45—58!

4. Horváth's "Description of a new species of Gerrididae", A. M. N. H. (4) III. Feb. 1899, no page mentioned.

5. Lethierry's Cat. des Hémiptères du Nord, pp. 305—74. I am not quite sure what the date or journal is, but I believe it is Mém. Soc. Sci. Lille 1869. — There is no mention of either in the 70 pages³⁾.

6. Reiber and Puton's Cat. des Hémiptères de l'Alsace, pp. 51—88. I have a pencil note that this was published at Colmar in 1877⁴⁾, but I do not know the reference.

As it is quite often that various Colleagues, who seem to think that I have access to stores of bibliographical knowledge, and who are indeed always welcome to any information I can give them, ask for references similar to the above, I can only suppose that many others, besides myself, are troubled by these faultily published works and separates.

¹⁾ op. cit. 169—230.

²⁾ 1907 Entom. XL. 205.

³⁾ Mr. Dames informs me that the reference is Mém. Soc. Sci. Lille (3) VI (for 1868), apparently published in 1869.

⁴⁾ Mr. Dames informs me 1876 is the correct date.

Another cause of trouble is the citation of works by their titles, instead of by their references. I am sorry to say that my friend Reuter is the worst offender in this, especially in quoting his own valuable papers. For instance, selecting at random, "Ferr. Hem. Lig. p." is cited instead of "Ferr. 1874 Ann. Mus. Genov. VI. p."; "Reut. Gen. Cim. Eur." instead of "Reut. 1875 Bih. Svensk. Vet. Handl. 3. no. 1"; "Reut. Hem. Gymn. Scand." instead of "Reut. 1875 Act. Soc. Faun. Fenn. I."; "Fieb. Crit. Phytoc. p. 1", instead of "Fieb. 1858 Wien. Ent. Mon. II. 289" and so forth. Stål's "Enumeratio Hemipterorum" should be cited as "Stål Svensk. Vet. Handl.".

* * *

The following points, more or less controverted, are now brought up.

1. Stål's "Hemiptera Africana" vol. I. is dated 1864, but Mayr asserts¹⁾ that it was not published till 1865. Stål tacitly admits this by never refuting the charge, and by sinking some of his own names.

2. According to the covers of the parts, the dates of Fieber's „Die Europäischen Hemiptera“ are:

Heft 1 (pp. 1—112) 1860.

Heft 2 and 3 (pp. 113—304) 1861.

Heft 4 (pp. 305—444 and III—VI) 1861.

My friend Prof. Handlirsch informs me, however, that the actual dates are:

Heft 1 (Bogen 1—7) } November 1860.

Heft 2 and 3 (Bogen 8—20) }

Heft 4 (Bogen 21—30) April 1861.

3. I possess only separates of Jakovlev's Russian papers and I am uncertain of the real dates of many. The "Bull. Soc. Nat. Moscou" is (if I recollect rightly) published in two volumes a year, of separate pagination, each volume consisting of two parts. These have been much confused by many authors, and have not been elucidated by Oshanin recently, so that, as there are no particulars on my copies, I have cited only the year and the volume. The dates given by Oshanin rarely agree²⁾ with those cited by Lethierry and Severin, and sometimes neither agree with the memoranda on my own copies.

4. Reuter has accepted those of Goeze's names which were properly formed³⁾, but Sherborn has disallowed them⁴⁾, as not being consistently binomial. I have, however, I think, shown that Sherborn's decision should be reconsidered, and these names considered valid⁵⁾.

5. I would also call attention to the note published⁶⁾ on the authorship of the first part of the "Hope Catalogue", as it concerns the Cimicidae.

¹⁾ 1865 Verh. zool. bot. Ges. Wien XV. 429—30; 1866 Novara Exp. Zool. II (I). 33.

²⁾ 1906 Ежег. Зоол. Муз. Петерб., XI. Прилож. 1—LXXIV and 1—393 („Verzeichnis der palaearktischen Hemipteren“).

³⁾ 1778 Entom. Beyträge II. 1—346.

⁴⁾ 1902 Index Animalium I.

⁵⁾ 1908 A. S. E. Belg. LII. 6—8.

⁶⁾ 1907 A. S. E. Belg. LI. 310.

6. The whole of the tenth volume of the "Encyclopédie Méthodique" was, till recently, supposed to date from 1825. Sherborn and Woodward, however, have shown¹⁾ that pp. 345--832 were not published till 1828, citing the *Bibl. franç.* for Dec. 13. 1828, p. 886.

Through the kindness of Dr. L. O. Howard, I have recently examined a copy of this volume in the Department of Agriculture, Washington. It is bound in two parts (possibly in the original cloth covers?), the first containing pp. 1--344, the second pp. 345--832. The latter also has at the beginning a four-page notice (pp. 1--4), entitled "Publication | de la centième livraison | de l'encyclopédie. | A Paris, chez Mme Ve Agasse, Imprimeur-Libraire, | Rue des Poitevins, No. 6. | Le mercredi 10 décembre 1828 |". It continues that this livraison contains vol. XII. pt. 2 of Médecine; vol. III. pt. 2 (and last) of the Dictionnaire d'Architecture; vol. X. pt. 2 (and last) of the Histoire Naturelle (Insectes). Also the Explanation of the Plates of the Insecta, this part complete. The publication-date of part 2. of vol. X. may be then definitely settled as Dec. 10. 1828.

7. Through the kindness of Mr. Prout, I have secured copies of the general, and hemipterous, parts of Gistel's neglected works, and will incorporate the results in the Catalogue. Fortunately, there is very little of a hemipterological nature in them.

8. I have been obliged to cite Berg's "Hemiptera Argentina" and the "Additamenta" from (in most cases), the separately paged works. The original source is the "Anales Soc. Cient. Argent", and it is possible that some of the species dated 1879 are really 1878. It would be of value if some one having access to the originals, would publish pagination and dates of all the species, as I imagine that most hemipterists are obliged to use the separately paged works²⁾.

I have in preparation a complete "Bibliotheca hemipterologica", which I hope to publish in a few years; in the mean time, these and the other bibliographical references at the heads of the Catalogue-divisions should be useful to entomologists commencing the study of this order.

¹⁾ 1906 A. M. N. H. (7) XVII. 577.

²⁾ The following papers have not been alluded to, in the preceding pages, but may be enumerated now, as they concern hemipterous nomenclature in a more or less general manner.

Bergroth 1887 *Rev. Ent.* VI. 146--48; and 1888 *op. cit.* VII. 70--71.

Dunning 1868 *Ent. Mo. Mag.* V. 181--86; 1869 *op. cit.* 230--34, 254--58.

Kirkaldy 1899 *Entom.* XXXII. 217--21, 252.

id. 1900 *op. cit.* XXXIII. 25--28, 262--65; 1901 *op. cit.* XXXIV. 176--79, 218--19; 1903 *op. cit.* XXXVI. 213--16, 230--33; 1906 *op. cit.* XXXIX. 253--57.

id. 1900 *op. cit.* XXXIII. 238--43; 1904 *op. cit.* XXXVII. 254--58, 279--83; 1905 *op. cit.* XXXVIII. 76--79, 304--8; 1906 *op. cit.* XXXIX. 247--49; 1908 *op. cit.* XLI. 12--15, etc.

id. 1902 *op. cit.* XXXV. 316--17.

id. 1905 *P. E. S. Washington* VII. 27--28.

id. 1906 *T. Amer. E. S.* XXXII. 117--56.

Marshall, T. A. 1868 *Ent. Mo. Mag.* IV. 259--60, 280--82; 1869 *op. cit.* V. 208--9, 231--33.

Paseoc 1868 A. M. N. H. (4) I. 94--97 (rev. Dallas, *Zool. Rec.* V. 393--94).

Puton 1888 *Rev. Ent.* VII. 18--23.

Reuter 1882 *Wien. E. Z. I.* 301.

Classification.

I have recently discussed the phylogeny of the Heteroptera in another place¹⁾, but as the classification adopted here, differs rather widely from those employed by previous authors, a little explanation is necessary.

Reuter²⁾ says: "J'ai commencé mon ouvrage [Hemiptera Gymnocerata Europae] par la famille des *Capsides*, parceque celle-ci me paraît être la plus basse dans le système." On the contrary, the "Capsidae" appear to me to be very highly specialized, as nearly, analogically of course, in the direction of Hymenoptera and Diptera as their Hemipterous constitution will permit³⁾.

To me, it appears, almost self-evident that the Pagiopoda are derived from the Trochalopoda, or are at least, less primitively Heteropterous. The Notonectoideae also are derived from the Miroideae. The Nepoideae are almost certainly derived from a Myodochoid stem — or one very close thereto — and the only serious difficulty is in the relative positions of the Myodochidae (or rather Pyrrhocoridae, for the Myodochidae seem to have been derived from ocellate Pyrrhocoridae) and Cimicidae.

The Schiødtean division of the Heteroptera is practically accepted by all of the foremost workers⁴⁾. Each of his two divisions seem to be further divisible into two superfamilies⁵⁾; while these are pretty self-evident, it is difficult at present to limit them sharply. They may be grouped as follows:

Phalanx	Superfamily	Families
1. Trochalopoda	1. Cimicoideae	{ Cimicidae; Thyreocoridae; Urolabididae; Aradidae; Coreidae; Pyrrhocoridae; Myodochidae; Tingidae.
	2. Nepoideae	{ Nabidae; Naeageidae; Hydrometridae; Gerridae; Reduviidae; Macrocephalidae; Enicocephalidae; Nepidae.
	3. Miroideae	{ Anthocoridae; Clinocoridae; Polytectenidae; Aëophilidae; Miridae; Dipso-coridae.
2. Pagiopoda	4. Notonectoideae	{ Acanthiidae; Ochteridae; Naucoridae; Belostomidae; Corixidae; Notonectidae.

The following tree is slightly different from that recently published, but the points of variance are likely to remain doubtful till more is known of the earlier stages. Nothing is more difficult to construct than a phylogenetic tree, but I think that the main lines of this are approximately correct.

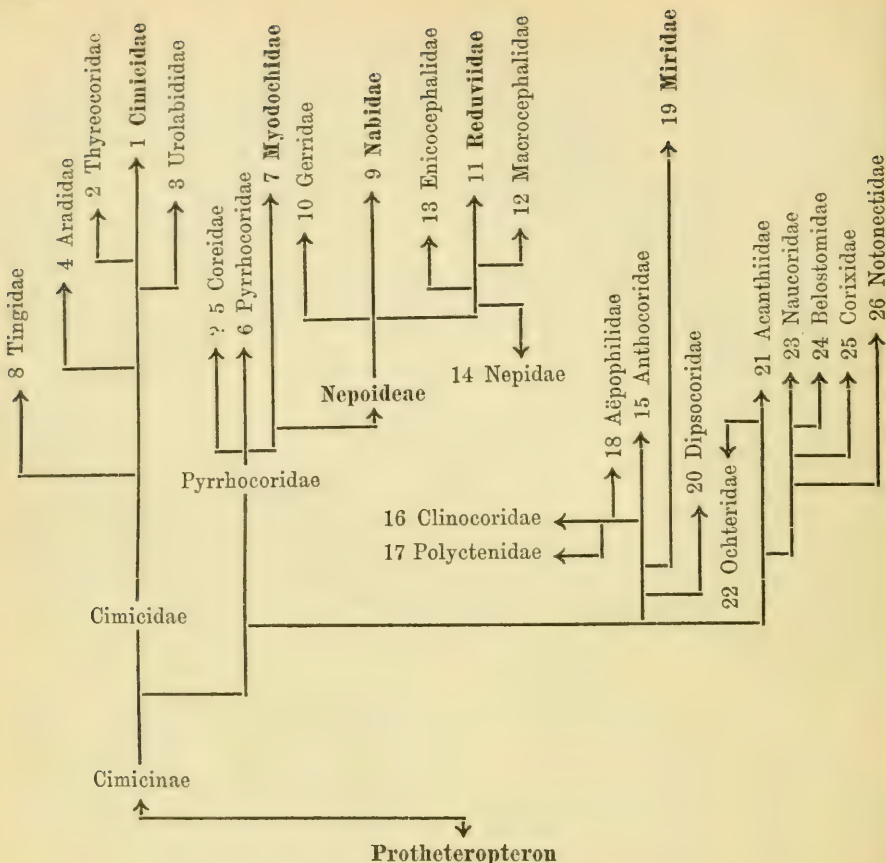
¹⁾ 1908 Canad. Entom. XL. 357.

²⁾ Act. Soc. Sci. Fenn. XIII. 6.

³⁾ Reuter now agrees that the "Capsidae" are a terminal, highly specialized family.

⁴⁾ Reuter, 1908 Mém. S. E. Belg. XV. 90, does not now accept it.

⁵⁾ Kirkaldy 1907 P. Haw. E. S. I. 137—38.



It will be seen that this disposition is widely different from the order of families in Lethierry and Severin's Catalogue, but it is, I believe, much less artificial. The families may be separated, temporarily as follows:

Superfamily 1. Cimicoideae.

1. The articulation of the antennae with the head, is concealed from above by a ridge. Ova deposited externally. Nymphs, in the last instar at least, with three orifices (on the 4, 5 and 6th tergites), the first of which is sometimes paired. (Scutellum nearly always greatly developed) . (2)
- 1a. Antennae not thus concealed. Scutellum usually mediocre or small . (3)
2. Abdominal segments normal. Tibiae not spiny 1. **Cimicidae**.
- 2a. Only five tergites seen (exclusive of genital segments). Tibiae spinose 2. **Thyreocoridae** (= *Cydinidae*).
3. Tarsi consisting of three segments (4)
- 3a. Tarsi consisting of two segments (7)
4. Antennae with five segments; general habitus cimiciform (Metamorphoses unknown) 3. **Urolabididae** (= *Urostylidae*).
- 4a. Antennae with four segments; general habitus not cimiciform . (5)

5. Antennae infraoral. Ova deposited externally (6)
- 5a. Antennae almost always preoral. Membrane almost always with more than 8 veins. Ova deposited externally. Nymphs with two orifices (on 5th and 6th tergites) 5. **Coreidae**.
6. Membrane with more than 8 veins. Nymphs with 3 orifices 6. **Pyrrhocoridae**.
- 6a. Membrane with 5 veins or less. Nymphs with 2 or 3 orifices 7. **Myodochoideae** (= *Geocoridae*).
7. Tegmina neither cellulate nor reticulate. Ova laid under bark etc., but not inserted. Nymphs with 3 orifices 4. **Aradidae**.
- 7a. Tegmina cellulate or reticulate. Ova inserted. Nymphs with two orifices (on 4th and 5th) 8. **Tingidae**.

Superfamily 2. Nepoideae.

1. Abdominal spiracles normal (2)
- 1a. Last pair of abdominal spiracles siphunculate 14. **Nepidae**.
2. Adults with lateral metasternal odoriferous orifices (3)
- 2a. Adults lacking the above, but with one median orifice on the metasternum 10 **Gerridae**.
3. No prosternal stridulating apparatus (4)
- 3a. Well developed stridulating apparatus on the prosternum (5)
4. Four distinct labial segments. Membrane and coriaceous parts of the tegmina distinct, the former with numerous veins; nymphs with 3 orifices; ova inserted 9. **Nabidae**.
- 4a. Three apparent labial segments, the true first annuliform. Tegmina entirely membranous, with few veins; metamorphoses unknown. 13. **Enicocephalidae**.
5. Fore femora more or less normal, with the tibiae never cancriform; nymphs with three orifices. Ova external 11. **Reduviidae**.
- 5a. Fore femora enormously dilated, with the tibiae cancriform; nymphs with orifices on 5th and 6th tergites only. Ova external 12. **Macrocephalidae** (= *Phymatidae*).

Superfamily 3. Miroideae.

[This table is not satisfactory, owing to the fact that two families are known only in the apterous state.]

1. Tegminal veins never areolately joined. Third segment of antennae not thickened towards the base (2)
- 1a. Tegmina with the veins more or less areolately joined. Third segment of antennae thickened towards the base 20. **Dipsocoridae** (= *Ceratocombidae*).
2. Macropterous forms with incomplete cuneus, but well developed ocelli. Head produced horizontally in front. Ova laid externally. Nymphs with three orifices (3)
- 2a. Macropterous forms with complete cuneus, ocelli obscure¹⁾. Head rarely produced horizontally. Nymphs with only a single orifice (on the 4th tergite). Ova inserted in the leaves of plants 19. **Miridae**.

¹⁾ except in *Isometopinae*.

3. Rarely brachypterous. Clypeus elongate. Head not channelled beneath 15. **Anthocoridae**.
 3a. Always strongly brachypterous. Clypeus short or apparently absent. Head more or less channelled beneath (4)
 4. Not furnished with comb-like fringes, only scattered hairs. Eyes well developed (5)
 4a. Furnished with comb-like fringes. Eyes absent . . . 17. **Polycetenidae**.
 5. Coxae short, somewhat remote 16. **Clinocoridae**.
 5a. Coxae rather elongate, subcontiguous 18. **Aërophilidae**.

Superfamily 4. Notonectoideae.

1. Antennae free and more or less conspicuous (2)
 1a. Antennae concealed, usually in foveae on the underside of the head. Nymphs lacking odoriferous orifices (3)
 2. First segment of antennae reaching well beyond the apex of the head; membrane-cells lacking cross veins; nymphs with orifice on 4th tergite. 21. **Acanthiidae**.
 2a. Second segment of antennae not extending as far as the apex of the head; membrane-cells with cross-veining; nymphs lacking orifices on tergites 22. **Ochteridae**.
 3. Fore legs inserted on, or near the, fore margin of the prosternum (4)
 3a. Fore legs inserted on the hind margin of the prosternum. . . (5)
 4. Antennae more or less simple. Legs not, or scarcely, flattened. Wings not reticulate. Ova laid on leaves, etc. of water plants. 23. **Naucoridae** (including *Mononyx*, etc.).
 4a. Antennae highly modified. Legs strongly flattened. Wings more or less reticulate. Ova laid on the back of the male. . . 24. **Belostomidae**.
 5. Labium composed of two segments at most. The forms swim on their bellies. Ova laid externally 25. **Corixidae**.
 5a. Labium free, composed of 3 or 4 segments. Forms swim on their backs. Ova inserted in stems, etc. of water-plants . . . 26. **Notonectidae** 1).

* * *

Bibliography.

I have enumerated, after the titles of Families, Subfamilies etc., the principal works dealing with each. I now mention the principal general works, which those who are not yet familiar with Hemipterous literature, will find it advantageous to consult at the commencement of their studies.

1. **Hahn and Herrieh-Schäffer**: Die wanzenartigen Insekten. 9 vols. 1831—1853.

This is now principally useful for the 324 Plates, mostly coloured. Some of the figures are good, but others are daubs.

2. **Dufour**: "Recherches anatomiques et physiologiques sur les hémiptères . . .", 1834 Mém. sav. étrang. Ac. Sci. France IV. 129—462, Pls. 1—19.

This is still the only general work on the subject.

¹⁾ This table is slightly altered from that given in the "Canadian Entomologist" (l. c.).

3. **Amyot and Serville:** *Histoire naturelle des Insectes. Hémiptères.* 1843. pp. I—LXXVI and 1—676 etc.; Pls. 1—12.

The most recent general account of the Hemiptera, Containing a partial biologic summary.

4. **Fieber:** *Die Europäischen Hemiptera . . .* 1860—61. pp. 1—444; Pls. 1—2.

Sixteen pages and the Plates are devoted to horismology etc.

5. **Stål:** "Enumeratio Hemipterorum", 1870—1876, *Svensk. Vet. Handl.* 9. no. 1; 10. no. 4; 11. no. 2; 12. no. 1; and 14. no. 4.

Totalling 902 pages, with copious tables; absolutely indispensable.

6. **Schiødte:** "Nogle nye Hovedsaetninger af Rhynchoternes Morphologi og Systematik", 1869, *Nat. Tidsskr.* (3) VI. 237—66 (translated into English 1870, *A. M. N. H.* (4) VI. 225—49).

The most important paper on Heteropterous classification yet published.

7. **Reuter:** "Remarques sur le Polymorphisme des Hémiptères", 1875, *A. S. E. France* (5) V. 225—36.

8. **id.:** "Till Kännedomen om mimiska Hemiptera och deras lefnads historia", 1878, *Oefv. Finsk. Vet. Förh.* 143—200.

9. **id.:** "Revisio synonymica Heteropterorum palaearcticorum, quae descripserunt auctores vetustiores", 1888, *Act. Soc. Sci. Fenn.* XV. 241—313, 443—812.

10. **id.:** "Hemipterologische Spekulationen", 1905—6, *Festschrift für Palmén*, no. 1 and 2. pp. 1—58 and 1—27; 1 phylogenetic tree and 1 Plate. (A translation into English of these is in preparation.)

The most important philosophical papers on Heteroptera since Schiødte.

11. **Distant:** *Biologia Centrali-Americana. Insecta. Rhynchota. Heteroptera I.* I—XX and 1—462; Pls. 1—39. (1880—1893.)

Of use for American Students on account of the 39 coloured plates.

12. **id.:** *Fauna of British India. Rhynchota.* vols. I—II and III. pp. 1—51; 1902—6.

Useful for the 578 figures.

13. **Saunders, E.:** "The Hemiptera Heteroptera of the British Islands", 1892, pp. 1—350, and Pl. (also large edition with 31 coloured Plates additional). An excellent introduction.

14. **Verhoeff:** "Vergleichende Untersuchungen über die Abdominal-segmente der ♀ Hemiptera, Heteroptera und Homoptera", 1894, *Verh. Nat. Ver. preuss. Rheinl.-Westfal. L.* 307—74.

15. **Champion:** *Biologia . . . Heteroptera II.* I—XVI and 1—416, Pls. 1—22. 1897—1901.

The Plates are very good, and in the excellent text are many helpful tables of species.

16. **Heymons:** "Beiträge zur Morphologie und Entwicklungsgeschichte der Rhynchoten", 1899, *Nov. Act. Leop. Car. Ak. Nat.* LXXIV. 349—456, Pl. 15—17.

17. Gulde: "Die Dorsaldrüsen der Larven der Hemiptera Heteroptera", 1902, Ber. Senck. Nat. Ges. Frankf. 85—136, Pl. 7—8.

18. Kirkaldy: "Biological Notes on the Hemiptera of the Hawaiian Isles. No. 1", 1907, P. Haw. E. S. I. 135—61.

Contains a brief summary of Heteropterous biology, new classification etc.

19. id.: "On the Phylogeny of the Hemiptera", 1908, Canad. Ent. XL. 357—64. (See also Entomologist 1898—1908 for numerous nomenclatorial papers.)

Other papers, more limited in scope, will be found enumerated after the titles of families, subfamilies etc.

Abbreviations.

A. S. E. . . = Annales de la Société entomologique de

B. S. E. . . = Bulletin

A. M. N. H. = Annals and Magazine of Natural History (London).

P. = Proceedings.

T. = Transactions.

O. V. A. F. = Öfversigt af Kongl. Vetenskaps - Akademiens Förhandlingar (Stockholm).

† = paper not recently seen.

§ = paper containing biological notice, especially description of, or note on, nymphal or egg stage, anatomy, etc.

§§ = paper containing figure of immature stage, anatomy, etc.

a = adult; n = nymph; o = ovum.

In concluding this Introduction to the first volume of my Catalogue, I have to thank very heartily my friend Mr. L. B. Prout, the well known Geometrologist and Nomenclatorialist, who has been unceasing in his kindness in looking up for me doubtful references and dates. Dr. E. F. Bergroth has kindly furnished me with unpublished synonyms and much information. I have also to thank Mr. F. L. Dames for his care in seeing the final proof through the Press.

Appendix to Introduction.

In order to facilitate future researches in nomenclature and the checking of my results, I now give 1. a short summary of the earlier type-fixtures, which are those most in question, and 2. my reasons for citing certain types, in some genera, which are not apparent at first sight.

a) Earlier type-fixtures ¹⁾.

In 1758 ²⁾, Linneus founded three Heteropterous genera, viz: *Notonecta*, *Nepa* and *Cimex*, without types. In 1761 ³⁾ Sulzer, in a general work,

¹⁾ I have dealt with these at length, from 1758—1843, in the "Entomologist" XXXIII. 25 et seqq. (1900—3 etc.).

²⁾ Systema Naturae. Ed. 10. pp. 434—49.

³⁾ Die Kennzeichen der Insekten, 98—102. Reuter (and I myself formerly) denied type-authority to any works before 1794 (except, of course, in the case of unique species), but I do not see that a line can be drawn. Sulzer's is a general work, a summary of Linneus' system, and where a single species is selected, I think it must serve as the type. If Sulzer is denied, because he sometimes selects more

fixed the type of *Notonecta* as *glauca*, and of *Nepa* as *cinerea*. In 1762 Geoffroy¹⁾ anonymously founded *Nauworis* (type *cimicoides* not Linneus, = *maculatus*), and *Corixa* (type *striata* not Linneus, = *geoffroyi*). In 1775 Fabricius²⁾ erected *Acanthia* and *Reduvius*, without types, and *Sigara* with a single species, which being the same as Geoffroy's species, relegated *Sigara* as a synonym of *Corixa*. In 1786 Scopoli³⁾ announced *Ploiaria* (type *domestica*), and the next year, Swederus⁴⁾ described *Macrocephalus* (type *cimicoides*), and Fabricius⁵⁾ in 1790 founded *Ranatra*, but without a type. The previous year Olivier⁶⁾ had founded *Pentatoma* without species. In 1794 Fabricius⁷⁾ further erected four new genera, **fixing a type for each**; viz: *Coreus* (*scapha*), *Lygaeus* (*calvus*), *Miris* (*dolabratus*) and *Gerris* (*lacustris*). In 1796 Schrank⁸⁾ proposed *Coriscus*, without a validly named species, and the same year Latreille⁹⁾ founded *Hydrometra*, without types, and restricted *Acanthia* to the riparian forms now known under that name. In the last year of the century, Schellenberg¹⁰⁾ founded *Aquarius*, but without types. In 1801 Lamarck¹¹⁾ founded *Scutellera* (type *nobilis* not Linneus, = *perplexa*) and fixed the following types, viz: *rufipes* for *Pentatoma* 1789; and *personatus* for *Reduvius*. He mentioned two species for *Hydrometra*, but as only *stagnorum* applies to the original generic description, it must be taken as the type. In the same year Schrank¹²⁾ described two species under *Coriscus*, but *lauci* (= *calcaratus*) is the type, as being the species described, but not named, in 1796. He also founded *Thyreocoris* without a type. In 1802 Latreille¹³⁾ erected *Phymata* (*crassipes*) and || *Galgulus* (*oculatus*), also, without types, *Neides* and *Nabis*. The next year Fabricius again¹⁴⁾ contributed *Salda* (*zosteræ*) [synonymous with *Acanthia* 1775], *Aradus* (*betulae*), *Syrts* (*erosa*) [synonymous with *Phymata* of the previous year], *Tingis* (*cardui*), *Canopus* (*obtectus*), *Tetyra* (*arcuata*), *Edessa* (*ceruus*), *Halys* (*dentata*), *Cydnius* (*tristis*), *Aelia* (*acuminata*), *Capsus* (*ater*), *Alydus* (*calcaratus*) [synonymous with *Coriscus* 1796], *Emesa* (*precatorius*), *Berytus* (*tipularius*) and *Zelus* (*longipes*). He also fixed *bidens* for *Cimex* 1758, his other type-fixations, viz: *Acanthia*, *Lygaeus*, *Hydrometra*, *Gerris* and *Reduvius*, not being valid.

In 1804 Latreille¹⁵⁾ founded *Velia*, but without a type; at the same

than one in each genus, then must Fabricius in 1794 be rejected, because he only indicated types in some instances, and the same would apply to many, or most, modern hemipterists. I reject Roemer in 1789 because he was merely discussing two systems and cites the same species in different genera, for instance, *lectularius* in both *Cimex* and *Acanthia*.

¹⁾ Histoire abrégée des Insectes I. 473—82. For some unknown reason, he changed *Nepa* to *Hepa*.

²⁾ Systema Entomologiae 673—732.

³⁾ Deliciae Faun. Insulariae I. 60—61.

⁴⁾ Vetensk. Ac. nya Handl. VIII. 183—85.

⁵⁾ Encyclopédie Méthodique IV. 24—25.

⁶⁾ Skrift. Nat. Selsk. Kjöbenh. I. 213—28.

⁷⁾ Entomologia Systematica IV. 1—208.

⁸⁾ Samml. Naturh.-phys. Aufs. I. 121.

⁹⁾ Précis des caractères gén. insectes III and XII, and 83—92 and 202.

¹⁰⁾ Geschl. Land- und Wasserwanzen 1—25 (1800).

¹¹⁾ Système anim. sans vertèbres 289.

¹²⁾ Fauna Boica II. 44.

¹³⁾ Hist. Nat. Crust. Ins. III. 240—63.

¹⁴⁾ Systema Rhynchot. 1—292.

¹⁵⁾ Nouv. Dict. Hist. Nat. XXIV. 163—68.

time he fixed *tripularius* (i. e. *tipularius*) for *Neides* 1802, *saltatorius* (= *zosteræ* Latr.) for *Acanthia* 1775, and *guttula* for *Nabis* 1802.

It is scarcely necessary to follow the course of additions here, the principal questionable points having now been discussed.

b) Types of certain Genera of Cimicidae.

NB. Genera which were monotypic at their inception, or which, at that time had their type definitely stated, are omitted.

Subfamily Cimicinae.

Cimex: erected for 85 species, of which 7 were removed in 1775 by Fabricius to his new genus *Acanthia*, *Cimex* being discussed at the same time. In 1803 the type was fixed by Fabricius as **bidens**.

Perillus: erected for 3 species, from which *virgatus* is eliminated because it was compared with *circumcinctus*. Schouteden in 1907 cited **confluens**.

Oplomus: erected for 2 species; of these "*violaceus* Fabr." seems to have been misidentified, and has not since been referred to the genus; **tripustulatus** is the type.

Stictocnemus: erected for 2 species, from which Schouteden in 1907 selected **mutabilis**.

Afrius: erected for 3 species, from which Schouteden in 1907 selected **figuratus**.

Canthecona: erected for 2 species; in 1870 Stål placed *yolofo* in *Cimex*, retaining **discolor**. NB. Dallas in 1851 did not include *discolor* in *Canthecona*, but his work confessedly deals only with the specimens in the British Museum, and is, therefore, in this case, not valid as an eliminator.

Pinthaeus: erected as a new name for *Platynopus* Fieber, which was monotypic, i. e. **sanguinipes**.

In **Macrorhapis**, *acuta* was queried, the other species **leprosa** is therefore the type.

Euthyrhynchus contained 2 species. In 1870 Stål placed *punicus* as a synonym of **floridanus**, which thus becomes the type.

Zierona contained 2 species, the second being considered as possibly only a variety of the first; the type is therefore **caerulea**.

Podisus: formed for 5 species, viz: *punctipennis*, *strigipes*, *vittipennis*, *pallipes*, and *albiseptus*; the first general treatment was by Stål in 1870, when *vittipennis* was the only species placed as certain under *Podisus*.

Telepta: erected for 6 species, of which *crassimargo*, *nigrispina* and *cinctipes* were valid as types. The last was moved in 1867 to *Tynacantha*; of the remaining species **crassimargo** may be selected.

Tylospilus: formed for 3 species; the last two were compared to the first **chilensis**.

Arma contained 3 species at its inception, *bidens*, *custos* and *lurida*; Spinola in 1837 removed *bidens* and *custos* to *Jalla*, leaving **lurida** in *Arma*.

Claudia contained 2 species, the second being compared to **pavonina**.

Glypsus: v. note on p. 26.

Heteroseelis was preoccupied, also without species; the latter was supplied by Laporte in 1833.

Stictonotus: founded for 2 species, of which **rugosus** was selected by Schouteden (for *Stictocoris*).

- Oncogaster**: 4 species valid for types, from which *caeruleus* was selected by Schouteden.
- Stiretrus**: formed principally on 2 species, from which *smaragdulus* was chosen by Schouteden.
- Discocera** founded on two species, of which *cayennensis* was selected by Schouteden.
- Asopus**: founded on *gibbus* and *dianae*; I have chosen the former as type.

Subfamily *Pentatominae*.

- Odius**: founded without species: the first described or included was *pallidolimbatus* (Stål 1869). NB. Distant wrongly cites *depressus*.
- Parodius**: founded for two species, from which I select *typicus*.
- Tholosanus**: founded for two species from which I select *proximus*.
- Dictyotus** erected for 11 species, of which *tasmanicus*, *roei*, *bipunctatus*, *inconspicuus*, *apicalis*, *geniculatus*, and *discoideus* have since been removed, from the rest *tasmanicus* may be selected.
- Niphe** contained 2 species, of which the latter, in 1876, was compared to the former, *cephalus*.
- Aethemenes** contained 2 species, from which I have selected *nigropunctatus*.
- Holcostethus**: Fieber erected this for 3 species, *jani*, *sphacelatus* and *congruus*. Mulsant and Rey (1867) substituted *Dryocoris* for *Holcostethus*, which "est si dût à prononcer"!! and made *sphacelatus* the type. Stål, in 1872, incorrectly reserved *Holcostethus* for *jani*.
- Peribalus**: Mulsant and Rey described 2 species, from which I select *vernalis*.
- Tolumnia** contained 2 species, from which Distant (1902) selected *trinotata*.
- Rhytidolomia** contained 2 species, of which the second was compared to *senilis*.
- Chlorochoa** contained 3 species of which the other 2 were compared to *ligata*.
- Ochyrotylus**: erected for 2 species, from which I have selected *helvinus*.
- Agatharchus** contained 2 species, of which *jalloides* was compared to *linea*.
- Barbiger**: erected for 2 species, from which I have selected *furvus*.
- Codephila** contained 4 species from which Distant (1902) selected *varia*.
- Mimula** contained 2 species, from which I select *nigrita*.
- Agroecus**: erected for 2 species, of which *luridus* was compared to *griseus*.
- Euschistus**: erected for 20 species, of which *cognatus*, *luridus*, and *proximus* were not valid as types; in 1872 Stål removed *cornutus* to *Lycipta*; of the rest, *apicalis* may be taken as the type.
- Lycipta** contained 3 species, of which *scabricornis* was omitted in 1872; from the others I select *triangulator*.
- Diceraus** contained 2 species from which I select *melacanthus*.
- Veterna**: erected for 11 species, of which *sanguineirostris*, *aberrans*, *nigropunctata*, *ornatula*, and *tristricula* were types; in 1876 Stål removed *nigropunctata* and *tristricula* to other genera, while *ornatula* was omitted; from the rest I select *sanguineirostris*.
- Ilerda**: erected for 3 species, from which I select *rubicunda*.
- Caura** contained 3 species, from which I select *pugillator*.
- Hymenareys**: founded for 2 species, of which the second is compared to *perpunctata*.

- Diploxys**: founded for 4 species; the last 3 being "compared", *senegalensis* is the type.
- Coponia**: founded for 2 species: *rostrata* selected now.
- Gulielmus** founded for 2 species, of which the second is compared to the first, *laterarius*.
- Curatia**: erected for 2 species; the second is compared to *denticornis*.
- Seylax**: erected for 2 species; the second is compared to *porrectus*.
- Platysolen**: erected for 4 species, of which one, *angustatus*, was included in doubt; from the 3 remaining, I select *griseus*.
- Melanostoma**: erected for 2 species: the second is compared to *suleifrons*.
- Daleria**: 2 species [under "*Dalleria*"] viz: *pusilla* and *grenieri*, the latter being placed as a var. of the former by Puton (1881).
- Eysarcoris**: founded for *perlatus*, *bipunctatus* and *punctatus*. Spinola (1837) invalidly diverted the genus to *inflexa*. Gorski (1852) placed *punctatus* in *Asopus*, leaving *perlata* in *Pentatoma* (*Eusarcoris*) and forming *Stagonomus* (sg.) for *bipunctata*. The type is therefore *perlatus*.
- Stollia**: erected for *fuliginosa* and *rectipes*, the latter being compared to the former.
- Analecus**: founded for *misellus* and *melanocephalus*; the former chosen.
- Aspavia**: erected for 6 species, available types being *armigera*, *albidomaculata*, *brunnea* and *hastator*; the first is now selected.
- Carbula**: erected for 9 species, available types *decorata*, *melacantha* and *trispinata*; *blanda* was said to diverge from the rest, while the antennae were mutilated in *curtana*; the rest were compared. Distant selected *decorata* (1902).
- Durmia**: founded for 7 species; available types, *conjugens*, *tomentiventris*, and *lutulenta*, the rest compared; *conjugens* now selected.
- Parenthea**: erected for 2 species, *aeliomorpha* being compared to *subfurecata*.
- Oenopia**: types *unidentata* and *punctoria*; the former selected.
- Melpia**: no species in 1867; *sternalis* described in 1869.
- Thyanta**: founded for *perditor*, *custator*, *pallidovirens*, *taeniola*, *nigropunctata* and *patruelis*; in 1872 *pallidovirens* was queried, *custator* compared, *nigropunctata* omitted; of the rest, *perditor* is now selected.
- Monochrocerus**: founded for 3 species, the latter 2 being compared to *rufispinus*.
- Loxa** erected for 2 species, the second being compared to *flavicollis*.
- Agaeus**: erected for 2 species, *tessellatus* and *discolor*; the former was selected by Distant in 1902.
- Murgantia**: erected for 4 species, *tessellata*, *bifasciata*, *histrionica* and *munda*. I have chosen the first.
- Bagrada**: erected for 2 species, *picta* H-S. and *stolata*. I have chosen the first. NB. Distant has cited "*picta* Fabr." in error!
- Euopta** contained 6 typical species from which I have selected *spectabilis*.
- Rumibia** contained 4 species from which I have selected *perspicua*.
- Vulsirea**: erected for 2 species, *ancora* and *nigrorubra*. In 1843 Amyot and Serville compared the former to the latter, which thus becomes the type.
- Ptilarmus** contained 3 species from which I select *nitidiventris*.
- Dichropepla**: erected for 2 species; I select *gracilirostris*.

- Hyrmine**: erected for 2 species, *sempunctata* and *chlorina*: I select the former.
- Nezara** contained 2 species, of which *marginata* was compared to *smaragdula*.
- Banasa** contained 2 species, *induta* and *discifera*; in 1862 Stål removed the latter to *Pallantia*.
- Hyllus** contained no species in 1867: Haglund described the type in the following year.
- Zangiola** contained 2 species, of which *punctulata* was compared to *nitida*.
- Zangis** contained 2 species, *amyoti* and *dorsalis*, as types; I have chosen the former. Distant erroneously cites as type, *beryllus* (= *crassa*), but *crassa* was only doubtfully included by Stål in the genus at its inception, and therefore cannot be a type-possibility.
- Critheus** contained no species at its inception; *lineatifrons* was described in 1869.
- Cresphontes** contained no species in 1867, *nigromaculatus* being described by Haglund in the following year.
- Antestia** contained the following species as type-possibilities; *maculata*, *variegata*, *rotundata*, *mauriti*, *bicincta*, *loriventris*, *maculiventris*, *perpunctata*, *versicolor*, *transversa* and *parvula*; the rest were excluded from that category, because they were "compared", or were mutilated in some generic character; *maculata* was fixed by Distant in 1902.
- Aegaleus** contained 4 species; I select *lineatus* now.
- Aspideurus** contained 2 species, *quadrimaculatus* and *variegatus*; I have selected the former.
- Rhaphigaster** contained 2 species, *nigripes* and *griseus*: the latter (as *punctatipennis*, with *griseus* in synonymy), was enumerated in the principal species by Burmeister (1835) in his div. *Rhaphigaster* of *Cimex*.
- Gastraulax** contained 2 species, of which *thalassinus* was compared to *torquata*.
- Serdia** had as types *apicicornis*, *calligera* and *limbatipennis*; from these I select the first.
- Cuspicona**: the types were *thoracica*, *virescens*, *roei*, *unimaculata*, *inconspicua*, *fasciata*, *pulchra* and *fulvescens*. *Unimaculata*, *roei* and *inconspicua* were removed to *Ocirrhoe* in 1867, *pulchra* and *fulvescens* to *Diaphytia*; from the three remaining I select *thoracica*.
- Morna** contained no species in 1867; Haglund described *cornuta* in 1868.
- Vitellus** contained 5 species, of which *insularis*, *mucronatus*, and *australis* were available as types; Distant selected *insularis* in 1902.
- Pegala** had no species in 1867; Haglund described *biguttula* in 1868.
- Priassus** was in a similar state in 1867; Haglund described *spiniger* in 1868.
- Pentatoma** had no species in 1789; Lamarck fixed the type in 1801 as *rufipes*.
- Arvelius**: erected for 3 species, *gladiator*, *edessoides* and *laciniatus*; of the last he writes: "Je suis convaincu que l'*Arvelius laciniatus* devrait être le type d'un genre à part"; *edessoides* was removed to *Taurocerus* by Amyot and Serville (1843), who at the same time made *gladiator* the type of *Arvelius*.
- Olbia**: erected for 2 species, *caprina* and *elegans*, the former being now chosen.
- Sangarius**: no species 1865; *paradoxus* described 1866.
- Anubis**: erected for 3 species; *lugubris* was compared to *fuscoirroratus*, which is selected.

- Proctophantasta** contained 4 species; type **colax**, the other 3 being compared.
- Anischys** contained 2 species; in 1865 Stål removed *sparsus* to *Anubis*; but this did not influence the type-fixation, as he did not deal with *luteovarius* also; in 1876 Stål placed *sparsus* in *Abulites*, retaining *luteovarius* in *Anischys*.
- Panaetius**: no species 1865; **lobulatus** described 1866.
- Amphaces**: *proxima* was compared to **ferruginea**.
- Dichobothrium** contained 3 species; *temispinum* was compared to **sastragaloides** which is now selected.
- Aeaxandra** contained 4 species of which *nigrolineata* and *sigillata* were compared; **rufescens** was selected by Distant in 1902.
- Clinocoris**: erected for *haemorrhoidalis* (!) ^{and} **ferrugator**. In 1872 Stål placed *haemorrhoidalis* in *Acanthosoma* (of which it is the type) and **ferrugator** in *Clinocoris*.
- Elasmucha** was a new name for *Sastragala* Fieber and therefore takes the same type, i. e. **ferrugator**.
- Meadorus**: erected for two species; *lituratus* was compared to **interstinctus** (= *griseus*).
- Elasmostethus**: erected for 2 species, *dentatus* and *griseus*. Stål (1864) removed *griseus* to *Elasmucha*, leaving **dentatus** in *Elasmostethus*.
- Sinopla**: erected for 2 species; *humeralis* compared to **perpunctatus**.
- Dorpius**: erected for 2 species; *indicus* compared to **typicus**.
- Melanodermus** contained 2 species in 1867, **circummaculatus** and *tartareus*; in 1872, the latter was compared to the former.
- Mazium** contained 2 species, **bipunctatum** and *rotundatum*; I select the former.
- Poecilotoma**: erected for *centrolineata*, *spinosa* and *grandicornis*; in 1867 Stål included *spinosa* in *Omyta* (of which *centrolineata* (*deyrollei*) is the type), leaving **grandicornis** as the type of *Poecilotoma*.
- Ehora** contained 2 species, **circumdata** and *postica* (with 2 others queried); I have selected the former.
- Alcaeus**: erected for *varicornis* and *subspinus*; the latter is compared to the former.
- Anchises** contained no species in 1867; in 1869 **sulcicornis** was described.
- Spudaus**: erected for **reticulatus** and *parvulus*; the former is chosen.
- Eumecopus**: types *armatus* and **nigriventris** (*longicornis* compared). The second is selected.
- Poecilometis**: 4 types, *australasiae*, **strigatus**, *gravis* and *lineatus* (*apicalis* being queried). In 1867 Stål limited the genus to species with quadri-segmentate antennae; the type is therefore **strigatus**.
- Apodiphus**: contained *spinosulus* and **hellenicus**; Amyot and Serville (1843) fixed the latter.
- Coenomorpha**: erected for 4 species (*nervosa* being compared). I have selected **nebulosa**.
- Memmia**: erected for **femoralis** and *vicina*, the latter being compared to the former.
- Mecidea**: erected for **indica** and *linearis*; Distant selected the former in 1902.
- Platycoris**: **rubromarginata** was the type, *bipunctata* being queried.
- Gilippus**: no species in 1867; **histilis** described in 1868.
- Alphenor**: no species in 1867; **cuspidatus** described in 1869.

- Erachteus**: erected for *lutulenta* and *spinosa*; in 1865 the latter was compared to the former ¹⁾.
- Paramecocoris**: erected for *phaleratus*, *putidicus*, *ellipticus* and *lutulentus*; the last was made the type of *Erachteus* in (1861) 1865; I now select *ellipticus* ¹⁾.
- Antiteuchus**: type-possibilities *annulatus*, *variegatus*, *variolosus*, *melanoleucus* and *piceus*. Stål (1872) refers only to *mixtus* and *variolosus* under *Antiteuchus*, thus fixing the latter.
- Iscnopelta**: erected for *ovata* and *scutellata*, the former being compared to the latter.
- Priapismus**: *maculatus* compared to *foveatus*.
- Agacritus**: I have not seen this paper of Stål's, but have selected *dromedarius*, as I do not suspect that he indicated a type.
- Pelidnocoris**: no species 1867; *stålîi* described 1868.
- Dinocoris**: Burmeister described 2 species, but the type will naturally be the type of Laporte's *Dinidor*, viz: *maculatus*.
- Numilia**: no species 1867; *subquadrata* described 1869.
- Graphosoma**: for 2 species, *nigrolineata* and *semipunctata*; Westwood (? 1840) cites *lineata*, and Amyot and Serville (1843) cite *lineatum* (giving *nigrolineatum* as a synonym).
- Protestrica**: 5 species of which one is queried; I now select *rudis*.
- Ventocoris**: for *nigellae*, *pedemontanus* and *albolineatus*; I have selected *nigellae*.
- Selenodera**: for 12 species; the type-possibilities are *obesum*, *halophilum*, *fischeri* and *falcatum*; I now select the first.
- Paraselenodera**: for 4 species; I select *carinatus*.
- Amauropepla**: no species 1867; *denticulata* described 1868.
- Coelocoris**: *gibbosus* compared to *aeliodes*.
- Thoria**: *sinuata* compared to *natalensis*.
- Melanophara**: no species 1867; *dentata* 1868.
- Scotinophara**: for 4 species, of which *cinctipes* was not included in 1876; the type was fixed as *fibulata* by Schouteden in 1904.
- Petalodera**: for *buccata* and *dilatata* (p. 136); on p. 161, *dilatata* is compared to *buccatus*.
- Opocrates**: for 5 species (p. 136); on p. 162 et seqq. *dalmatina* and *incerta* are compared to *curvidens*, leaving also *rectidens* and *annulicornis*; I now fix *curvidens*.
- Amaurochrous** (described as a subgenus of *Podops*): for *dubius* and *cinctipes*; Schouteden fixed the former.
- Adoxoplatys**: for 2 species; I select *minax*.

Subfamily *Phyllocephalinae*.

- Dalsira**: for 2 species, *affinis* being compared to *marginata*.
- Gellia**: for 3 species, the second and third being compared to *albivittis*.

Subfamily *Dinidorinae*.

- Dinidor**: for 3 species, *obscura*, *mactans* and *viduata*; Laporte merely added a new species; Perty's work was faunistic; in 1835 Burmeister gave

¹⁾ I have not been able to obtain this 1861 paper of Stål's; my selections may therefore be open to revision.

the name as a synonym of 2 genera, the *Dinidor* of Perty (which was that also of Latreille) being given as a synonym of *Aspongopus*, and *mactans* and *obscurus* were described again; In 1870 Stål retained *mactans* under *Dinidor*, placing *obscura* under *Aspongopus*.

Colpeproctus: for 3 species; from which I select *limbatus*.

Anoplocephala: for 4 species; from which I select *semivestitum*.

Subfamily *Scutellerinae*.

Urosceoris: for 3 species; I have selected *fuliginosus*.

Phimodera: for 2 species *galgulina* and *humeralis* (*nodicollis* being compared to *galgulina*). Amyot and Serville (1843) cite *galgulina*.

Alphocoris: 2 species, *larinoides* being compared to *lixoides*.

Psacasta: for *pedemontana*, *tuberculata* and *conspersa* (*anthriboides* being doubtful, and *neglecta* compared to *tuberculata*). Amyot and Serville cite the first two. In 1865 Mulsant and Rey place *tuberculatus* in *Cryptodontus*, leaving *pedemontana* as the type of *Psacasta*.

Bellocoris: for *purpureolineatus*, *maurus* and *pictus*; Westwood (? 1839) selected *maurus*.

Xerobia: *verruculosa* is compared to *sculpturata*.

Tiridates: for *rubrotinctus* and *flavocinctus*. In 1870 Stål (p. 14) doubts the specific distinction of the former, so that *flavicinctus* is the type.

NB. Stål cites *flavocinctus* as a synonym of *mexicanus*, while Schouteden thinks it is a doubtful species.

Homaemus: for *exilis* and *parvulus*; Schouteden cites *aenifrons* (sic!) (i. e. *exilis*).

Symphylus: for 5 species; In 1870 *irroratus* and *variegatus* were placed in *Diolcus*; *obtusus* and *poecilus* queried in *Symphylus*; while *knöchii* was admitted by Stål and is therefore the type, and not *obliquus*, as I unfortunately cited in the text. Schouteden incorrectly cites *obtusus*.

Sergia: for 7 species; of which *obesa*, *obscura*, *silphoides*, and *afra* are possible types; of these *obesa* is specially signalled out "congenericis angustior et convexa, thorace longiore insignis species".

Diolcus: for 4 species; Schouteden cites *irroratus*.

Misippus: for *variabilis* and *spinolae*, which are the same species.

Orsilochus: for *variabilis*, *scurrilis*, *klugii*, *stigma*, *grammicus* and *caudatus*. In 1836 Hahn fixed *fabricii* (= *torridus*, not the Linnean species).

Polytes: Stål originally cited *hebraicus* as the type, but later on declared that he had wrongly determined the species, and that it was really *lineolatus* Dallas; as the true *hebraicus* does not come into his genus as originally described, his correction is allowable.

Ascanius: for *hirtipes* and *atomarius*; the former was fixed by Schouteden (1905).

Demoleus: no species 1867; *oblongus* described 1868.

Trichothyreus: no species 1867; *vitticeps* described 1870.

Camirus: for *conicus* and *impressicollis*, the latter being compared to the former.

Acantholoma: no species 1867; *denticulata* described in 1870.

Augocoris: for *gomesii*, *beskii* and *unicolor*; Herrich-Schaeffer (1838) cited *gomesii*.

Graptocoris: available types *comes*, *novemmaculatus*, *nigricollis* and *aulicus*. In 1873 Stål fixed *aulicus*.

Choerocoris: types *paganus*, *variegatus* and *aulicus*. Stål (1873) restricted the genus to *paganus* and *variegatus*. Schouteden (in 1905 under "*Chor-*") cites *paganus*.

Galostha: for *eques* and *stockerus*; I have selected the latter (= *abdominalis*).

Chlorochrysa: for 8 species, from which I select *stockerus*.

Cosmocoris: no species in 1865; In 1866 (Berlin. E. Z. p. 155), 5 species are cited. In 1873 Stål cited *sellatus*, *quadrimaculatus* and *excavatus* (*coxalis* excluded because the ♂ was unknown, ♂ characters being given in the description of the subgenus); Schouteden cites *sellatus* in 1905.

Calliphara: for 17 species, of which *dispar*, *nobilis*, *billardieri*, *imperialis*, *regalis*, *iris*, *javana*, *oblonga*, *basalis* and *obscura* are type-possibilities, but I think that *dispar* and *nobilis* (not the true *Calliphara nobilis*, but = *Scutellera perplexa*) are excluded by the nature of the remarks made by Germar on p. 123, and I think also that *billardieri*, *regalis* and *oblonga* are also excluded, as Germar's remarks show that he was uncertain of them. [Herrich-Schaeffer (1839) cites only *dispar* and *nobilis* as really known to him (the four others having defective antennae), but these were apparently excluded by Germar and therefore H-S' action is invalid; if not, then *Calliphara* is a synonym of *Scutellera*.] In 1873 Stål removed *iris* and *javana* to *Chrysocoris*, and *basalis* to *Philia*, leaving *imperialis* as type of *Calliphara*. Schouteden (1905) cites "*nobilis* Linneus", but this was not one of Germar's species, and moreover does not belong to the typical subgenus!

Philia was erected expressly as a new name for *Calliphara* and *Calidea*, and I have made it a synonym of the former with the same type.

Chrysophara: for *excellens* and *regalis*. I have selected the former.

Lamprophara: no species in 1865; *bifasciata* cited in 1866.

Philya: no species in 1865; in 1866 there were 7 species; in 1873 Stål placed (in „*Philia*") *metallica* as a synonym of *senator*; *elegans* was compared to the latter; *fastuosa* compared to preceding species and *jactator* placed in a new subgenus; from the remaining 3 type possibilities, *senator* was selected by Schouteden (in 1905).

NB. *Philya* is a preoccupied name, not a lapsus calami, as Stål distinctly (1865 Hem. Afr. I. 33, and 1866 Berlin. E. Z. p. 151) refers to "*Philya* Stål", not to "*Philya* Schiodte".

Lampromera for 3 species, from which I select *festiva*.

Lamprocoris: no species in 1865; *lateralis* cited in 1866.

Graptophara: no species in 1865; *reynaudii* cited in 1866.

Libysa: for *signata*, *duodecimpunctata* and *dregei*; I have selected the first.

Proclia: for *nigricornis*, the other two being compared.

Ioglena: for *denovani*, *lata*, *druraci* and *interrupta*; the last is selected for a new subgenus by Schouteden (1905), and for *Ioglena* I select *denovani*.

Iostethus: for 2 species, *purpuratus* being said to be scarcely distinct from *parentum*.

Solenosthedium: for *furciferum* and *lynceum*. Amyot and Serville (1843 as *Solenostethium*) cite *lynceum*. Schouteden cited *furciferum* in error!

Coeloglossa: for 3 species, *lyncea*, *furcifera* and *sehestedii*, the second being said to be probably a var. of the first; I now select the first.

Epicoleotichus: for 3 species; I select **excellens**.

Paracoleotichus: for 8 species; I select **sordidus**.

Montandonia: for 2 species; **punctata** is the type, as ♂ characters are described in the genus, and ♂ of *longirostris* was unknown.

Madegaschia: for 2 species; *polita* being compared to **distanti**.

Tarichea: for *chinensis* and *nitens*; Distant (1902) cites *chinensis*.

Calacta: for 2 species, *rufonotata* being compared to **lugubris**.

Oncylaspis: no species 1865, **ruficeps** 1866.

Bozius: 2 species 1901, **exsiccus** selected by Distant in 1902.

Axona: no species 1865; **longitudinalis** cited 1866.

Lyrodes: the other 2 species are compared to **basalis**.

Agapophyta: type in 1832 was MS.; **bipunctata** described in 1835.

Oncomeris: type MS. in 1832; **flavicornis** described in 1835.

Plisthenes: no species 1865; **dilatata** cited 1866.

Siphnus: 2 species in 1863, *hector* being compared to **alcides**.

Pygoplatys: antennae described in generic diagnosis, but wanting in type of *acutus*; therefore type **validus**.

Odontoteuchus: the other species compared to **thoreyi**.

Eurostus: antennae described in generic diagnosis, but lacking in type of *grossipes*; therefore **validus** type.

Virbius: no species 1865: **imperiale** and *angulatum* cited in 1866; I now select the former.

Oxylobus: *westwoodi* uncertain; therefore **nigromarginatum** type.

Selenyenum: *contractum* compared to **piriforme**.

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Additional remarks on dates, localities etc.

A.

I have already (p. XIX) alluded to the incorrectness of the date of publication on the title page of Stål's "Hemiptera Africana" vol. I; further research has detected similar discrepancies in other works of the same author.

1. Stål cites, in later works, the Hemipterous part of the "Eugenie's Resa" sometimes as 1858, sometimes as 1859, which latter date is generally accepted. Gerstäcker, however, writes (Ber. Ent. 1859—60, sep. p. 36 [1862]) "Der Entomologische Theil der Kongl. Svenska Fregatten Eugenie's Resa omkring Jorden ist mit zwei ferneren Heften fortgesetzt worden, von denen das eine (1859) den . . . Coleopteren . . ., das andere (1860) die von Stål bearbeiteten Hemipteren umfasst". I propose, therefore, to adopt 1860 until better reason is shown for an earlier date. I may also remark that the descriptions of the "new" species in the "Rio Janeiro-traktens Hemipter-Fauna" (1860 Svensk. Vet. Ak. Handl.) which are also "new" in the "Eugenie's Resa", do not cite the latter.

2. My separate copy of the "Rio Janeiro-traktens Hemipter-Fauna" pt. 1 is dated 1862, but Stål always cites 1860, as also does Hagen, and my friend Prout informs me that 1860 is the correct date. Were there two editions of the separata?

3. Stål's Catalogue of the Philippine Hemiptera (Ö. V. A. F. XXVII) is always referred to as published in 1870, even by Stål himself; never-

theless, as may be seen by a note at the end of the part containing it, the paper was published in 1871. NB. Some references to "Eugenie's Resa" and the Philippine paper in this Catalogue must be corrected from 1859 and 1870 to 1860 and 1871, respectively, as the pages were in proof before I detected these errors.

4. Some of Stål's and Walker's genera are dated the same year. It may be useful to note that the second volume of Walker's Catalogue of Hemiptera Heteroptera has the Preface dated Oct. 1. 1867; while Stål's paper in the Ö. V. A. F. XXIV. was published in September of the same year.

5. A few of the genera and species described by Stål and Fieber bear the same date (1860), and the priority has been given to Stål; but the part of the "Europäischen Hemiptera" containing the tabular diagnoses of these genera was published in Nov. 1860, while the part of the Berlin. E. Z. with the descriptions of the clashing Stålian genera, was not issued till at least very late in 1860, and Mr. Dames tells me that he thinks it did not appear till 1861. I have therefore given the preference to the genera of Fieber.

B.

Citations from Rambur's "Faune d'Andalousie" seem to have always been doubtful as to the dates. So far as I have been able to collate the dates of the several parts, they were as follows:

Vol. I. pp. 1—80 (livr. 1) late 1837, or Jan. 1838.

81—144 (livr. 2) 1838.

Vol. II. pp. 1—16 (livr. 2) 1838.

17—96 (livr. 3) 1839, Jan. 14.

97—176 (livr. 4) very late 1839 or early 1840; as to pp. 177—96, I have no information.

I have therefore accepted early 1840 for Rambur's new species of Hemiptera.

7. Guérin's Iconographie. I note that A. White cites this work as marked finished 1844 on the wrapper. Cf. A. M. N. H. XII. 119. (in a letter dated Jan. 9th 1845 from London).

8. Some of Dallas's and Signoret's genera and species are both dated 1851, but Signoret admits that Dallas has the priority, although he complains that his own paper was read at a meeting of the French Society ten months before the appearance of Dallas's List.

9. I have already spoken of the uncertainty of the exact dates and pagination of Mulsant and Rey's work on the Heteroptera of France. The following is all the information I have been able to gather as regards the volumes dealing with the Cimicidae and Thyreocoridae.

A. S. Linn. Lyon.	separate edition.	date of original?
XII. 285—348	I. 1—64	1866, Jan. 6
365—412	65—112	1866, Jan. 6
XIII. 291—367	?	1866, June 30
XIV. 1—288	II. 1—288	1867.

10. The second volume of Puton's "Synopsis des Hémiptères de France" was apparently published in the "Mém. Soc. Lille", but as I have no further information, I have always cited the separate edition.

11. The dates of Perty's "Delectus" are as follows:

- Fasc. 1. pp. 1—60, Pls. 1—12 1830
 2. 61—124, Pls. 13—24 1832
 3. 125—224, Pls. 25—40 1833.

Perty (p. 224) dates his work Dec. 1833 but "Isis" (Dec. 1833) says that it was published the previous September!

12. The dates of Klug's "Symbolae Physicae", as I learn from Miss Colcord, are as follows:

- Dec. 1. = 1829; Dec. 2. = 1830; Dec. 3. = 1832; Dec. 4. = 1834;
 Dec. 5. = 1845.

13. Distant's contribution on Cimicidae in the "Biologia Centrali Americana" appeared as follows:

- 1880 April (pp. 12—24); June (25—40); Oct. (41—64);
 Dec. (65—88).

1881 Febr. (89—103).

1889 Aug. (310—20); Dec. (321—28).

1890 March (329—36); May (337—44); Aug. (345—51).

1893 May (454—58).

14. The Hemipterous part of Burmeister's "Handbuch" (as far as p. 400) was ready Easter 1835.

15. Blanchard in d'Orbigny's Voyage Amer. mérid. pp. 105—222, appeared 1846.

16. Fieber's paper in Weitenweber's "Beiträge" appeared, pp. 97—111 (1836) and 337—55 (1837).

17. Herrich-Schaeffer's "Nomenclator Ent." was ready between Easter and Michelmass 1835.

18. Westwood's "Introduction" was from 1838—Sept. 1840. The Gen. Syn. was 1840.

NB. For many of the above data, I am indebted to my friend Mr. Prout.

C.

With regard to certain localities:

1. **Puna**: there are many "towns" and islands of this name, principally in the Pacific and in South America. I feel sure that the "Puna" mentioned so often in Stål's "Eugenie's Resa", is the little island off the coast of Ecuador.

2. Lethierry and Severin give **Paraguay** as the locality of certain of the species noted or described by Berg. This may be correct, but as, in most cases, the Argentine is not also cited by them, I think there must be some mistake. All the instances of this that I have noted, are of species recorded from the "Territory of the Missions", which, so far as know, has always been a part of the Argentine Republic.

3. Distant described several species from "**Isubu**", a place I was unable to locate, and therefore in some places in this Catalogue the correct citation (which, as I now learn from a reference in Schouteden's "Rhynchota Aethiopica", is in the Belgian Kongo), is omitted.

4. Wherever *Kafraria* has been given as a locality, I have set down "Cape Colony", as despite the fact that it seems to have been often used rather loosely for parts of Cape Colony, Natal or Zululand, it is, I believe, an official part of the largest Colony.

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For purposes of comparison, for the use of those who have become accustomed to the nomenclature of Lethierry and Severin, I now tabulate the families and tribes used by myself in these volumes, and the families and subfamilies used by the Belgian authors; the table refers to the family "Pentatomidae" as understood by them, and it will be remembered that they employ the same ending (i. e. "-idae" for both families and subfamilies.

L. and S.

K.

Fam. Pentatomidae	= Cimicidae, Thyreocoridae and Urolabididae.
subf. 1. Plataspidae	= subf. Coptosominae (p. 316).
2. Corimelaenidae	= Family 2. Thyreocoridae tribe 2. Thyreocorini [vol. II].
3. Scutelleridae	= subf. Scutellerinae (p. 262).
4. Graphosomidae	= subf. Pentatominae tribe Graphosomini (p. 222).
5. Cyrtocoridae	= subf. Cyrtocorinae (p. 261).
6. Cydnidae	= Fam. 2. Thyreocoridae tribe 1. Cydnini [vol. II].
7. Phloeidae	= subf. Phloeinae (p. 252).
8. Discocephalidae	= subf. Pentatominae tribe Discocephalini (p. 214).
9. Pentatomidae	= subf. Pentatominae (pt.) (p. 34).
10. Asopidae	= subf. Cimicinae (p. 3).
11. Tessaratomidae	= subf. Tessaratominae (p. 343).
12. Dinidoridae	= subf. Dinidorinae (p. 253).
13. Phyllocephalidae	= subf. Phyllocephalinae (p. 243).
14. Urolabidae	= Family 3. Urolabididae [vol. II].
15. Acanthosomidae	= subf. Pentatominae tribe Acanthosomini (p. 166).

All the subfamilies cited above and below (as of L. and S.) are of the Pentatomidae unless otherwise stated.

It may be also useful to present the same table from the opposite view,

K.

L. and S.

Fam. 1. Cimicidae	= Fam. 1. Pentatomidae (pt.).
subf. 1. Cimicinae	= subf. 10. Asopidae.
	{ = subf. 4. Graphosomidae.
	{ = subf. 8. Discocephalidae.
2. Pentatominae	{ = subf. 9. Pentatomidae.
	{ = subf. 15. Acanthosomidae.
3. Phyllocephalinae	= subf. 13. Phyllocephalidae.
4. Phloeinae	= subf. 7. Phloeidae.
5. Dinidorinae	= subf. 12. Dinidoridae.
6. Cyrtocorinae	= subf. 5. Cyrtocoridae.
7. Scutellerinae	= subf. 3. Scutelleridae.
8. Aphylinae	= (unknown to Lethierry and Severin).
9. Coptosominae	= subf. 1. Plataspidae.
10. Tessaratominae	= subf. 11. Tessaratomidae.

K.

L. and S.

Fam. 2. Thyreocoridae

Tribe 1. Cydnini

Tribe 2. Thyreocorini

Fam. 3. Urolabididae

Vol II { = subf. 6. Cydnidae.
= subf. 2. Corimelaenidae.
= subf. 4. Urolabidae.

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Volume II is now in the Press, and will contain the families Thyreocoridae, Urolabididae, Aradidae and Coreidae. Volume III, which is in active preparation, will embrace the Pyrrhocoridae, Myodochidae and Tingidae.

Family 1.

Cimicidae.

= *Pentatomidae* Lethierry and Severin (pt.).

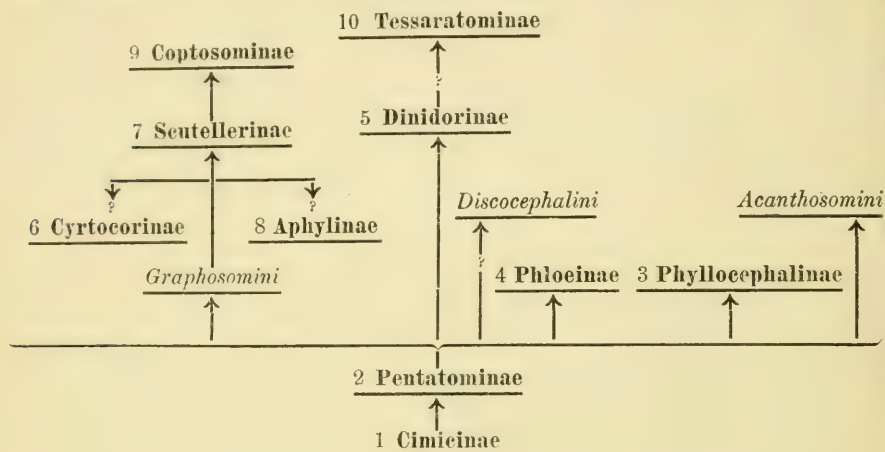
The following analytical table of subfamilies is offered in the place of those published by Stål, Distant and Schouteden.

- 1 Labium free; bucculae very small, uniting posteriorly, converging more or less thereto **1 Cimicinae** (= *Asopinae*).
- 1a First segment of labium not free, lodged for almost its entire length in a groove formed by the bucculae, which are more or less parallel and are not united posteriorly (2)
- 2 Spiracles of second abdominal sternite¹⁾ hidden by the metapleura . . . (3)
- 2a Spiracles of second sternite not hidden by metapleura. (Scutellum mediocre) **10 Tessaratominiae.**
- 3 Tegmina not folded (4)
- 3a Tegmina folded in at base of membrane. (Wings deeply incised at the anal fold: primary and subtended veins remote, inclosing an area which widens towards the apex; hamus absent. Scutellum very large; tarsi bisegmentate) **9 Coptosominae** (= *Plataspinae*).
- 4 Primary and subtended veins of wing subparallel, not remote; hamus (? always) absent (5)
- 4a Primary and subtended veins somewhat remote, including an elongate area, widened at the base, narrowed at the apex; hamus present. (Scutellum very large; tarsi bisegmentate) **6 Cyrtocorinae.**
- 4b Primary and subtended veins remote, inclosing a somewhat wide area, which does not regularly converge apically; hamus present. (Scutellum very large; tarsi trisegmentate) **7 Scutellerinae.**
- 5 Antennae composed of 4—5 segments; body not strongly explanate laterally (6)
- 5a Antennae composed of three segments; body strongly explanate laterally **4 Phloeinae.**
- 6 Primary and subtended veins of wing contiguous or subcontiguous, apically diverging (7)
- 6a Primary and subtended veins somewhat distant, including a narrow area, which converges apically **5 Dinidorinae.**
- 7 Labium more or less elongate, first segment extending beyond bucculae **2 Pentatominae.**
- 7a Labium scarcely reaching beyond fore coxae, first segment not extending beyond bucculae **3 Phyllocephalinae.**

¹⁾ i. e. the first visible one, the real first being rudimentary in Cimicidae.

The (8) **Aphylinae** are not included in the table, as their wing-structure is unknown. The "**Acanthosominae**", "**Discocephalinae**" and "**Graphosominae**" are treated as tribes of the **Pentatominae**.

The accompanying tree expresses to some extent my idea of the phylogeny of the **Cimicidae**.



The **Cyrtocorinae** may have sprung from a **Graphosomine** stem before the branching off of the **Scutellerinae**, or from a **Scutellerine** stock. The **Tessaratominae** may have sprung direct from a **Pentatomine** stem.

My reason for treating the **Acanthosomini** and **Graphosomini** as merely tribes of the **Pentatominae** is, that I can find no valid characters upon which to raise them to the rank of subfamilies. As regards the **Graphosomini** the development of the scutellum is of no importance, as otherwise, *Stiretrus* and *Discocera* should form a subfamily; the other characters mentioned by authors are by no means exclusive. As regards the **Acanthosomini**, Stål has given no exclusive characters, as certain true **Pentatominae** have bisegmentate tarsi. Duda (1885 Wien. E. Z. IV. 99) places them as a subfamily "because of their anatomical peculiarities", but he seems to have based his arguments on one or two species only, and I do not think his results are valid.

Subfamily 1. Cimicinae.

(=*Asopidae* Lethierry and Severin = *Arminae* Bergr.)

- Schouteden** 1907 Gen. Ins., fasc. 52. pp. 1—82, Pls. 1—5; (table of genera and list of species) (= "Gen.").
Stål 1870 Svensk. Vet. Handl. 9. no. 1. pp. 21—59 etc.; (Enumeration; table of 8 genera on p. 43.).
Dallas 1851 List 76—7; (table of 21 genera).
Stål 1865 Hem. Afr. I. 62—3; (table of 12 Ethiopian genera).
Stål 1867 O. V. A. F. XXIV. 495—9; (table of 17 genera).
Stål 1872 O. V. A. F. XXIX. 40; (table of 6 European genera).
Distant 1902 Faun. Ind. Rh. I. 243—4; (table of 10 Indian genera).
Schouteden 1905 Rh. Aethiop. I. 133—4; (table of 11 Ethiopian genera).

The Cimicinae have a cosmopolitan distribution, the American forms about equalling those of the rest of the world, and are probably the fragments of a much more numerous subfamily. They are very largely carnivorous, while the other subfamilies are apparently mostly vegetarian.

Genera	Australasian				Oriental			Ethiopian		Palaeartic		America		Total Species
	Australia	New Zealand	Austro-Malayan	Hawaii	Indo-Malayan	Indo-Chinese	Philippine	Continental	Madagascar	Except Manchurian	Manchurian	Except Chilean	Chilean	
<i>Cimex</i>	—	—	—	—	1	1	—	—	—	3	7	—	—	11
<i>Marmessus</i>	—	—	—	—	—	—	—	—	—	—	—	2	—	2
<i>Pseudanaspis</i>	—	—	—	—	—	1	—	—	—	—	—	—	—	1
<i>Gordonierius</i>	—	—	—	—	—	—	—	1	—	—	—	—	—	1
<i>Jalla</i>	—	—	—	—	—	—	—	—	—	2	2	—	—	3
<i>Perilloides</i>	—	—	—	—	—	—	—	—	—	—	—	5	—	5
<i>Perillus</i>	—	—	—	—	—	—	—	—	—	—	—	1	—	1
<i>Oplopus</i>	—	—	—	—	—	—	—	—	—	—	—	18	—	18
<i>Alcaeorrhynchus</i>	—	—	—	—	—	—	—	—	—	—	—	2	—	2
<i>Allia</i>	—	—	—	—	—	—	—	—	1	—	—	—	—	1
<i>Planopsis</i>	—	—	—	—	—	—	—	1	—	—	—	—	—	1
<i>Afrius</i>	—	—	—	—	—	—	—	3	1	—	—	—	—	4
<i>Damarius</i>	—	—	—	—	—	—	—	1	—	—	—	—	—	1
<i>Platynopus</i>	—	—	6	—	3	—	3	5	—	—	—	—	—	14
<i>Canthecona</i>	—	—	—	—	—	—	—	1	—	—	—	—	—	1
<i>Cantheconidea</i>	—	—	8	—	4	7	2	—	—	—	—	—	—	16
<i>Friarius</i>	—	—	—	—	—	—	—	—	1	—	—	—	—	1
<i>Jalioides</i>	1	—	—	—	—	—	—	—	—	—	—	—	[? 1]	1

Genera	Australasian				Oriental			Ethiopian		Palaearctic		America		Total Species
	Australia	New Zealand	Austro-Malayan	Hawaii	Indo-Malayan	Indo-Chinese	Philippine	Continental	Madagascar	Except Manchurian	Manchurian	Except Chilian	Chilian	
Andrallus . . .	1	—	1	—	1	1	—	1	1	1	—	1	—	1
Pinthaeus . . .	—	—	—	—	—	—	—	—	—	1	1	—	—	2
Macrorhaphis . . .	[1 St. Helena, ? endemic]							2	2	—	—	—	—	4
Auriga . . .	—	—	—	—	—	1	—	—	—	2	3	—	—	4
Rhacognathus . . .	—	—	—	—	—	—	—	—	—	1	3	1	—	4
Euthyrhynchus . . .	—	—	—	—	—	—	—	—	—	—	—	2	—	2
Tynacantha . . .	—	—	—	—	—	—	—	—	—	—	—	2	—	2
Supputius . . .	—	—	—	—	—	—	—	—	—	—	—	4	—	4
Coryzorhaphis . . .	—	—	—	—	—	—	—	—	—	—	—	5	—	5
Mineus . . .	—	—	—	—	—	—	—	—	—	—	—	2	—	2
Zicrona . . .	—	—	—	—	1	1	—	? 1	—	1	—	1	—	1
Comperocoris . . .	—	—	—	—	—	—	—	—	—	—	—	—	1	1
Apateticus . . .	—	—	—	—	—	—	—	—	—	—	—	67	3	69
Arma . . .	—	—	—	—	—	1	—	—	—	1	1	—	—	1
Dorycoris . . .	—	—	—	—	—	—	—	1	1	—	—	—	—	1
Amyotea . . .	—	—	5	—	1	1	1	—	—	—	—	—	—	5
Anasida . . .	—	—	—	—	—	—	—	2	—	—	—	—	—	2
Mecosoma . . .	—	—	—	—	—	—	—	2	1	—	—	—	—	3
Hoploxys . . .	—	—	—	—	—	—	—	1	—	—	—	—	—	1
Oechalia . . .	1	1	—	2	—	—	—	—	—	—	—	—	—	3
Cermatulus . . .	1	1	1	—	—	—	—	—	—	—	—	—	—	2
Martinia . . .	—	—	—	—	—	1	—	—	—	—	—	—	—	1
Parealda . . .	—	—	1	—	—	—	—	—	—	—	—	—	—	1
Ealda . . .	—	—	1	—	—	—	—	—	—	—	—	—	—	1
Dinorhynchus . . .	—	—	—	—	—	—	—	—	—	—	1	—	—	1
Glypsus . . .	—	—	—	—	—	—	—	8	1	—	—	—	—	9
Blachia . . .	—	—	—	—	—	1	—	—	—	—	—	—	—	1
Cazira . . .	—	—	1	—	3	13	1	—	—	—	—	—	—	16
Breddiniella . . .	—	—	—	—	—	1	—	—	—	—	—	—	—	1
Leptolobus . . .	—	—	—	—	—	—	—	5	—	—	—	—	—	5
Cecyrina . . .	—	—	—	—	—	1	—	—	—	—	—	—	—	1
Stilbotes . . .	—	—	—	—	—	—	1	—	—	—	—	—	—	1
Colpothyreus . . .	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Phyllocheirus . . .	—	—	—	—	—	—	—	—	—	—	—	2	—	2
Heterosceloides . . .	—	—	—	—	—	—	—	—	—	—	—	2	—	2
Stiretrus . . .	—	—	—	—	—	—	—	—	—	—	—	29	—	29
Discocera . . .	—	—	—	—	—	—	—	—	—	—	—	3	—	3
	4	2	24	2	14	31	8	34	9	13	19	150	5	—

Totals: Australasian 32; Oriental 53; Ethiopian 43; Palaearctic 30; America 155.

Cimex. = *V. ruficornis* Linn.

Cimex Linneus 1758 Syst. Nat. Ed. 10. p. 441; Stål 1867 O. V. A. F. XXIV. 497; and 1870 Svensk. Vet. Handl. 9. no. 1. p. 45. (type *bidens* Linn.)

Picromerus Amyot and Serville 1843 Hém. 84; Fieber 1861 Eur. Hém. 349; Schouteden 1907 Gen. Ins. fasc. 52 p. 24. (Same type.)

1 *angusticeps*

Picromerus angusticeps Jakovlev 1880 Тр. Русск. Энт.

Amuria.

Общ. XI. 212; and 1902 Русск. Энт. Обзор. II. 337.

2 *bidens*

Cimex bidens Linneus 1758 op. cit. 443¹⁾; de Geer 1773 Mém.

Europe; Turkestan;
Siberia; Algeria.

¹⁾ It is perhaps scarcely necessary to state that the "op. cit." etc., refer to the last-mentioned work of the same author.

III. 259, Pl. 13. figs. 9—14; Wolff 1800 Ic. Cim. 7 Pl. 1, f. 7; Fabricius 1803 Syst. Rh. 155; Kirkaldy 1905 Entom. XXXVIII. 77.

C. bilobus Schrank 1781 Ins. Austr. 268.

Arma bidens Hahn 1832 Wanz. I. 92, f. 51.

Picromerus do. Amyot and Serville 1843 l. c.; Fieber 1861 l. c.; Douglas and Scott 1865 Br. Hem. 96, Pl. 3, f. 7; Saunders 1892 Hem. Het. Brit. 33, Pl. 3. f. 6.

§ Siebold 1837 Müller's Archiv. 412 (spermatozoa).

§§ Gross 1901 Zeitschr. Wiss. Zool. LXIX (ex pp. 139—201), Pl. XIV. figs. 1 a. 10; Pl. XV. figs. 12. 26—32 a. 36; Pl. XVI. figs. 41, 63—4, 71—3 (ovaries etc.).

§ Huyghe 1904 Ann. Ass. Nat. Levallois Perret X. 29 (teratology).

Foodplants: *Betula*; *Calluna*; *Salix cinerea*.

Feeds on *Clinocoris lectularius* (Kühn 1776 Naturforsch. Stück 6; cf. Westwood Intr. Class. Ins. II. 486); larvae of Chrysomelid beetles;

Checks ravages of *Nematus* on *Salix cinerea* (A. Müller 1873 E. M. M. IX. 200);

Feeds on larvae of Hemerobiidae (de Geer 1773 l. c.).

3 *conformis*

Asopus conformis H-S. 1841 Wanz. VI. 72, f. 640.

Picromerus nigridens Fieber 1861 l. c. (not Fabr.).

P. conformis Puton 1881 Syn. Hém. France II. 80.

Foodplants: Coniferae.

Switzerland; Hungary;
Turkey; Asia minor.

4 *fuscoannulatus*

Picromerus fuscoannulatus Stål 1853 Stett. E. Z. XIX. 176.

Siberia.

5 *lewisi*

Picromerus lewisi Scott 1874 A. M. N. H. (4) XIV. 293.

Japan; N. China.

6 *longicollis*

Picromerus longicollis Jakovlev 1902 op. cit. 335.

Amuria.

7 *nigridens*

Cimex nigridens Fabricius 1803 Syst. Rh. 156.

Stiretrus maculicornis Mulsant and Rey 1852 Ann. S. Linn. Lyon 76.

Picromerus nigridens Puton 1881 op. cit. 79; Schouteden 1907 op. cit., Pl. 1, f. 11.

Mediterranean basin;
S. Russia.

8 *obtusus*

Canthecona || *grisea* Dallas 1851 List 92.

Picromerus obtusus Walker 1867 Cat. Het. I. 133; Distant 1902 Faun. Ind. Rh. I. 252, f. 159.

P. nigrivitta Walker 1867 l. c.

N. India; Assam;
Birma.

9 *similis*

Picromerus similis Distant 1883 T. E. S. London 421.

Japan.

10 *sundanus*

Picromerus sundanus Breddin 1902 Wien. E. Z. XXI. 96.

Java.

11 *vicinus*

Picromerus vicinus Signoret 1880 Bull. S. E. France (6) X, p. XXXIV.

China (Pekin).

Marmessus.

|| *Marmessus* Stål 1865 Hem. Afr. I. 63 a. 75 (type *nigricornis*).

Marmessus Bergroth 1891 Rev. Ent. X. 235; Schouteden 1907 Gen. 25 (new name).

Brazil.

1 *brasilianus*

Marmessus brasilianus Schouteden 1907 A. S. E. Belg. LI. 37.

M. brasiliensis Schouteden 1907 Gen., Pl. 1, f. 10.

2 **nigricornis**

Marmessus nigricornis Stål 1865 l. c. 76; and 1870 Svensk. Vet. Handl. 9. no. 1. p. 33; Berg 1893 Ann. S. Cient. Arg. XXXII. 233.

Arma ampla Walker 1867 Cat. Het. I. 138.

Podisus amplus Leth. and Sev. 1893 Cat. I. 217.

Marmessus nigricornis Schouteden 1907 op. cit., Pl. 1, f. 9.

Brazil; Uruguay.
[Natal in error].

Pseudanasida.

Schouteden 1907 A. S. E. Belg. LI. 38; and Gen. 11 a. 26 (type *fallax*).

1 **fallax**

Pseudanasida fallax Schouteden 1907 A. S. E. Belg. LI. 38; and Gen. op. cit., Pl. 2, f. 4.

S. India.

Gordonerius.

Distant 1900 A. M. N. H. (7) VI. 56; Schouteden 1905 Rh. Aeth. I. 138; and 1907 Gen. 28 (type *lineatus*).

1 **lineatus**

Oplonus lineatus Walker 1867 op. cit. 122.

Gordonerius do. Schouteden 1905 Rh. Aeth. I. 138, Pl. IV, f. 12.

Abyssinia.

Jalla.

Hahn 1832 Wanz. I. 100; Stål 1867 O. V. A. F. XXIV. 497; Schouteden 1907 Gen. 27 (type *dumosa*).

1 **dumosa**

Cimex dumosus Linneus 1758 Syst. Nat. (Ed. 10), p. 445.

Jalla dumosa Hahn 1832 op. cit. 101, figs. 54—5; Amyot and Serville 1843 Hém. 86; Fieber 1861 Eur. Hem. 347; Douglas and Scott 1865 Brit. Hem. 90, Pl. III, f. 4; Stål 1870 Svensk. Vet. Handl. 9. no. 1. p. 34; Saunders 1892 Hem. Het. Brit. 35, Pl. 3, f. 9; Reuter 1900 Oefv. Finsk. Förh. XLII. 239, f. 8.

Europe; Algeria; Asia
minor; Persia; Tur-
kestan; Siberia.

var. (b) **nigriventris**

Jalla nigriventris Fieber 1861 l. c.; Puton 1881 Syn. Hém. France II. 81.

J. anthracina Jakovlev 1884 Bull. S. N. Moscou LX. 162.

Foodplants: *Corylus*; *Erodium*; *Pteris aquilina*; *Vaccinium*.

2 **subcalcarata**

Jalla subcalcarata Jakovlev 1884 op. cit. 163 a. 166; Schouteden 1907 Gen., Pl. 2. f. 1.

Turkestan; Siberia; N.
Mongolia; N. China.

3 **subdilatata**

Jalla subdilatata Reuter 1900 op. cit. 238, f. 9.

Algeria.

Perilloides.

Schouteden 1907 Gen. 11 a. 37 (type *bioculata*).

1 **bioculatus**

Cimex bioculatus Fabricius 1775 Syst. Ent. 715.

Perillus do. Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 129; Van Duzee 1904 T. Amer. E. S. XXX. 66.

United States.

var. (b) **clanda**

Pentatoma clanda Say 1825 J. Ac. Sci. Philad. IV. 313; and 1859 Compl. Writ. II. 240.

Perillus claudus (!) Uhler 1876 Bull. U. S. Geol. Surv. II. 281; and 1877 op. cit. III. 398.

§ Uhler 1877 op. cit. 398 (protective col.).

Feeds on larvae of *Leptinotarsa decemlineata* [Col.]. (Howard 1900 Bull. U. S. Ent. n. s. XXII. 102—3).

Preyed on by *Cnemidophorus*, *Phrynosoma*, *Sceloporus* [Rept.].

2 **circumcinctus**

Perillus circumcinctus Stål 1862 Stett. E. Z. XXIII. 89; Uhler 1878 P. Boston S. N. H. XIX. 370; Distant 1880 B. C. A. Het. I. 34, Pl. IV. f. 6; Van Duzee 1904 op. cit. 67.

Feeds on larvae of *Leptinotarsa decemlineata* [Col.] (Chittenden; also Reed 1871 Can. Ent. III. 170, f. 36).

Canada; United States;
Mexico; Panama;
Trinidad.

3 **exaptus**

Pentatoma exapta Say 1825 J. Ac. Sci. Phil. IV. 313; and 1859 Compl. Writ. II. 240.

Zicrona marginella Dallas 1851 List 109.

Z. exapta Uhler 1861 P. E. S. Philad. I. 23.

Perillus exaptus Uhler 1878 P. Boston S. N. H. XIX. 369; Van Duzee 1904 op. cit. 65; Schouteden 1907 op. cit., Pl. 3. f. 2.

Canada; United States;
L. California.

var. (b) **variegatella** nom. nov.

|| *Pentatoma variegata* W. Kirby 1837 Rich. Faun. bor. amer. IV. 276; and 1878 Can. Ent. X. 137.

4 **splendidus**

Zicrona splendida Uhler 1861 P. E. S. Philad. I. 22.

Perillus splendidus Van Duzee 1904 op. cit. 66.

Colorado; Texas; California; L. California.

5 **virgatus**

Opomus virgatus Stål 1862 l. c.

Perillus do. Distant 1880 l. c., Pl. 3. f. 22.

Mexico.

Perillus.

Opomus subg. *Perillus* Stål 1862 Stett. E. Z. XXIII. 88 (type *confluens*).

Perillus Stål 1867 O. V. A. F. XXIV. 496; and 1870 Svensk. Vet. Handl. 9. no. 1. p. 31; Schouteden 1907 Gen. 36.

1 **confluens**

Asopus confluens H. S. 1840 Wanz. V. 77, f. 522.

Opomus do. Stål 1862 Stett. E. Z. XXIII. 88.

Perillus do. Stål 1870 Svensk. Vet. Handl. 9. no. 1. p. 32; Distant 1880 op. cit. 33, Pl. 1. f. 18; Van Duzee 1904 T. Amer. E. S. XXX. 64; Schouteden 1907 Gen., Pl. 3. f. 3.

S. United States;
Mexico; Br. Honduras; Guatemala;
Costa Rica.

Feeds on larvae of *Leptinotarsa decemlineata* [Col.].

Opomus.

Opomus Spinola 1837 Essai 355; Stål 1867 O. V. A. F. XXIV. 496; and 1870 Svensk. Vet. Handl. 9. no. 1. p. 26; Schouteden 1907 Gen. 32 (type *tripustulata* = *salamandra*).

Hoplomus Gistel 1848 Naturg. Thierr. p. X. ("emend.")

subgen. (b) **Stictocnemus** Stål 1870 op. cit. 30 (type *mutabilis*) [as subg.].

subgen. (c) **Catostyrax** Amyot and Serville 1843 Hém. 82 (type *catena*).

subgen. (d) **Polypocilus** Stål 1870 op. cit. 26 (type *dichrous*).

(a) subgen. **typ.**1 **annotatus**

Opomus annotatus Uhler 1863 P. E. S. Philad. II. 362.

Cuba. [? Mexico.]

2 **chalybaeus**

Opomus chalybaeus Berg 1894 Ann. Mus. Montevideo I. 15.

Paraguay.

3 **chrysomela**

Opomus chrysomela Breddin 1901 Soc. Ent. XVI. 53.

Ecuador.

4 **cruentus**

Asopus cruentus Burmeister 1835 Handb. Ent. II. 380.

Platynopus rubroguttatus Stål 1854 O. V. A. F. XI. 232; and 1859 Eugen. Resa, Ins. 220.

Opomus cruentus Schouteden 1905 Rh. Aeth. I. 208, Pl. IV. f. 1.

Uruguay; Argentine.
[Abyssinia and Kamerun in error].

var. (b) **inermis** Schouteden 1904 A. S. E. Belg. XLVIII. 140.

- 5 **festivus** *Colombia.*
Opломus festivus Dallas 1851 List 85; Stål 1870 Svensk. Vet. Handl. 9. no. 1. p. 30.
- 6 **marginalis** *Brazil.*
Pentatoma marginalis [Westwood] 1837 Cat. Hope I. 37.
Asopus ebulinus H. S. 1844 Wanz. VII. 122, f. 779.
Opломus marginalis Distant 1880 T. E. S. London 148.
- 7 **mundus** *Texas; Mexico.*
Opломus mundus Stål 1862 Stett. E. Z. XXIII. 87; Distant 1880 B. C. A., Het. I. 32, Pl. 4. f. 17.
- 8 **nigripennis** *Mexico; Guatemala; Dutch Guiana.*
Opломus nigripennis Dallas 1851 List 83; Distant 1880 op. cit. f. 19.
 var. (b) **pulchra**
Opломus pulcher Dallas 1851 List 84.
O. haematicus Vollenhoven 1863 Tijdschr. Ent. VI. 122.
O. tripustulatus var. Stål 1870 Svensk. Vet. Handl. 9. no. 1. p. 229.
O. nigripennis var. *pulcher* Distant 1880 op. cit., Pl. 3. figs. 13—14.
- 9 **punctatus** *Argentina.*
Opломus punctatus Montandon 1895 Bull. Mus. Torino X. no. 219. p. 5.
- 10 **rutilus** *Mexico; Columbia.*
Opломus rutilus Dallas 1851 List 83; Distant 1880 op. cit. 31, Pl. 3. f. 20.
 var. (b) **biarcuata**
Opломus biarcuatus Walker 1867 Cat. Het. I. 121.
O. rutilus var. *biarcuatus* Distant 1880 p. cit., Pl. 4. f. 18.
- 11 **sagax** *Bolivia.*
Opломus sagax Breddin 1904 Soc. Ent. XIX. 49; Schouteden 1907 op. cit., Pl. 2. f. 9.
- 12 **salamandra** *Mexico; Columbia; Ecuador; Perú; Dutch Guiana; N. Brazil; Bolivia; Paraguay.*
Asopus salamandra Burmeister 1835 Handb. Ent. I. 381.
 var. (b) **violaceella** nom. nov.
 || *Opломus violaceus* Dallas 1851 List 85.
 var. (c) **flavoguttata**
 || *Cimex tripustulatus* Fabricius 1803 Syst. Rh. 172.
Opломus flavoguttatus Vollenhoven 1863 op. cit. 123.
O. chrysomelas Walker 1867 op. cit. 121.
O. basalis Walker 1867 op. cit. 122.
O. tripustulatus Stål 1870 op. cit. 28; Distant 1880 op. cit., Pl. 4. f. 16.
 var. (d) **fabricii** nom. nov.
 || *Cimex tibialis* Fabricius 1803 op. cit. 176.
Opломus do. Stål 1868 op. cit. 7. no. 11. p. 16.
 — — Stoll Pun. f. 206.
- 13 **severus** *Perú.*
Opломus severus Breddin 1904 op. cit. 177.
- (b) subg. *Stictocnemus*.
- 14 **mutabilis** *Mexico.*
Opломus mutabilis Stål 1862 Stett. E. Z. XXIII. 87; Distant 1880 B. C. A. Het. I. 32, Pl. 3. figs. 16—19.

15 **proteus**

Opломus proteus Stål 1862 op. cit. 88; and 1870 Svensk. Vet. Handl. 9. no. 1. p. 30; Distant 1880 l. c., Pl. 1. f. 17 and Pl. 3. figs. 15 a. 17; Schouteden 1907 op. cit., Pl. 2. f. 10.

Platynopus conspersus Walker 1867 op. cit. 123.

Mexico.

(c) subg. **Catostyrax**.16 **catena**

Cimex catena Drury 1782 Ill. Nat. Hist. III. 65, Pl. 46. f. 1.
Pentatoma quadrimaculata Lepeletier and Serville 1828 Enc. Méth. X. 53. (new name).

Catostyrax catena Amyot and Serville 1843 Hém. 83.

Opломus do. Schouteden 1907 op. cit., Pl. 2. f. 8.

var. (b) **regia**

Cimex regius Drury 1872 op. cit. 66, Pl. 46. f. 6.

Platynopus catena H-S. 1851 Wanz. IX. 337, f. 1008.

var. (c) **militaris**

Platynopus militaris H-S. 1851 op. cit. 336, f. 1007¹⁾.

Central America; Brazil; Paraguay; Uruguay; Argentine.

17 **distinctus**

Opломus distinctus Distant 1880 op. cit. 30, Pl. 4. f. 11.

Mexico.

(d) subg. **Polypoeilus**.18 **dichrous**

Asopus dichrous H-S. 1838 Wanz. IV. 89, f. 426.

Opломus do. Stål 1870 op. cit. 26; Distant 1880 op. cit. 29, Pl. 1. f. 16; Van Duzee 1904 T. Amer. E. S. XXX. 64; Schouteden 1907 op. cit., Pl. 2. figs. 17^a-18.

var. (b) **rhodomelaena**

Asopus rhodomelas H-S. 1838 Wanz. IV. 90, f. 428.

var. (c) **rubropicta**

Opломus rubropictus Vollenhoven 1863 Tijdschr. Ent. VI. 121.

Arizona; Mexico.

Alcaeorrhynchus.

|| *Mutycia* Stål 1862 Svensk. Vet. Handl. 3. no. 6. p. 58; 1867 O. V. A. F. XXIV. 496 (type *grandis*).

Alcaeorrhynchus Bergroth 1891 Rev. Ent. X. 235; (new name).

Alcaeorrhynchus Schouteden 1907 Gen. 32.

1 **grandis**

Canthecona grandis Dallas 1851 List 91.

Mutycia do. Distant 1880 op. cit. 36, Pl. 4. f. 12; Van Duzee 1904 op. cit. 72; Schouteden 1907 op. cit., Pl. 2. f. 2.

(*M. phymatophora*, in part, of Stål and Berg.)

S. Florida; Mexico; Colombia; Perú; Brazil; Uruguay.

2 **phymatophorus**

Pentatoma phymatophorus Palisot Beauvois 1805 Ins. Afr. Amér. 112, Hém. Pl. 8. f. 2.

P. phymatoptera Guérin 1857 Sagra, Cuba, Ins. 364.

S. Florida; Hispaniola; Cuba.

Allia. see p. 345

Schouteden 1907 Gen. 12 a. 52 (type *signitenens*).

1 **signitenens**

Canthecona signitenens Schouteden 1905 Rh. Aeth. I. 276, f. 134.

Allia do. Schouteden 1907 Gen., Pl. 4. f. 5.

Madagascar.

¹⁾ not 1009, as in the text.

Afrius.

Cimex subg. *Afrius* Stål 1870 Svensk. Vet. Handl. 9. no. 1. p. 44 (type *figuratus* = *purpureus*).

Afrius Schouteden 1907 op. cit. 50.

subgen. (b) **Subafrius** Schouteden 1907 op. cit. 51 (type *flavirostrum*).

(a) subgen. **typ.**1 **marmoratus**

Canthecona marmorata Dallas 1851 List 90; Schouteden 1905 op. cit. 149, figs. 34—5.

C. annulipes Dallas l. c.

S. Africa.

2 **purpureus**

Pentatoma purpurea [Westwood] 1837 Cat. Hope I. 43.

P. yolofo Guérin 1844 Icon. Règne An., Ins. 344, Pl. 55. f. 2.

Ganthecona (!) do. Stål 1865 Hem. Afr. I. 67.

Canthecona purpurea Schouteden 1905 op. cit. 146.

var. (b) **marginella**

Canthecona marginella Dallas 1851 op. cit. 89.

var. (c) **caerulea**

Canthecona caerulea Dallas 1851 l. c.

var. (d) **miniatescens**

Canthecona miniatescens Stål 1853 O. V. A. F. X. 213.

var. (e) **figurata**

Asopus figuratus Germar 1837 Silb. Rev. Ent. V. 485; H-S. 1844 Wanz. VII. 118, f. 710.

Ganthecona figurata Stål 1865 Hem. Afr. I. 66.

Afrius figuratus Distant 1892 Nat. Transv. 248, Pl. III. f. 1.

Canthecona purpurea var. *figuratus* Schouteden 1905 Rh. Aeth. I. 147, Pl. 3. f. 9.

Continental Ethiopian throughout.

3 **rubromarginatus**

Afrius rubromarginatus Bergroth 1903 A. S. E. Belg. XLVII. 289.

Canthecona rubromarginata Schouteden 1905 op. cit. 150, f. 35.

German East Africa.

(b) subgen. **Subafrius.**4 **flavirostrum**

Picromerus flavirostrum Signoret 1861 A. S. E. France (3) VIII. 921.

Ganthecona (!) *flaviostris* Stål 1865 Hem. Afr. I. 68.

Cimex do. Stål 1870 Svensk. Vet. Handl. 9. no. 1. p. 44.

Canthecona do. Schouteden 1905 Rh. Aeth. I. 151, f. 37.

Madagascar.

Planopsis.

Schouteden 1907 Gen. 12 a. 49 (type *silvatica*).

1 **silvatica**

Platynopus silvaticus Distant 1890 P. Zool. S. London 475.

Canthecona distantii Schouteden 1904 A. S. E. Belg. XLVIII. 141.

C. silvatica Schouteden 1905 Rh. Aeth. I. 145, Pl. 3. f. 7.

Kongo; Gabun.

Damarius.

Schouteden 1907 Gen. 12 a. 48 (type *splendidulus*).

1 **splendidulus**

Cimex splendidulus Fabricius 1803 Syst. Rh. 163.

Oplopus elongatus Dallas 1852 T. F. S. London (2) II. 6, Pl. 1. f. 1.

Platynopus splendidulus Stål 1868 Svensk. Vet. Handl. 7. no. 11. p. 16; Schouteden 1905 Rh. Aeth. I. 154, Pl. 3. f. 5.

P. metallicus G. Fallou 1891 Rev. Ent. X. 5.

Damarius splendidulus Schouteden 1907 Gen., Pl. 3. f. 12.

Cape Colony; Kongo; Guinea; S. Brit. Sudan. [Brazil in error].

var. (b) **innocua***Platynopus innocuus* Stål 1865 Hem. afr. I. 71.

§ Schouteden 1905 Rh. Aeth. I. 208 (n.).

Platynopus.*Platynopus* Amyot and Serville 1843 Hém. 79; Stål 1865 Hem. afr. I. 69; and 1870 Svensk. Vet. Handl. 9. no. 1. p. 39; Schouteden 1907 Gen. 46 (type *varius* = *melanoleucus*).subgen. (b) **Montrouzierellus** Kirkaldy 1908 Entom. XLI. 124 (type *melacanthus*).|| *Heteropus* Spinola 1837 Essai 337 (type *lefebvrei*).|| *Acanthomera* Montrouzier 1864 A. S. Linn. Lyon (2) XI. 225 (type *melacanthum*).*Platynopus* subg. *Acanthomera* Schouteden 1907 Gen. 47.

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(a) subgen. **typ.**1 **dalpadoides***Gynenica dalpadoides* Vollenhoven 1868 Versl. Ak. Nat. Amst. (2) II. 178.

Philippines; Moluccas.

Platynopus tagalicus Stål 1870 l. c.2 **melanoleucus***Aelia melanoleuca* [Westwood] 1837 Cat. Hope I. 33.Malacca; Sumatra;
Java; Philippines;
Celebes; Ceram.*Platynopus varius* Amyot et Serville 1843 l. c., Pl. 3. f. 9.*P. polygraphus* Walker 1867 Cat. Het. I. 126.*P. melanoleucus* Stål 1871 O. V. A. F. XXVII. 618; Schouteden 1907 Gen., Pl. 3. f. 9.(b) subgen. **Montrouzierellus.**3 **borneensis***Platynopus borneensis* Distant 1900 T. E. S. London 696.

Borneo.

4 **fallax***Platynopus fallax* Schouteden 1904 A. S. E. Belg. XLVIII. 139; 1905 Rh. Aeth. I. 158, Pl. IV. f. 3.

Uganda.

5 **horváthi***Platynopus horváthi* Schouteden 1904 A. S. E. Belg. XLVIII. 139; 1905 Rh. Aeth. I. 163, f. 41.

Kongo.

6 **inermis***Platynopus inermis* Schouteden 1907 A. S. E. Belg. LI. 51; and Gen., Pl. 3. f. 11.

German Papua.

7 **laetus***Platynopus laetus* Walker 1867 Cat. Het. I. 127.

Papua; Jilolo; Celebes.

P. dotatus Walker 1867 op. cit. 128.*P. semiscitus* Walker 1867 op. cit. 129.*Canthecona decorata* Vollenhoven 1868 Faun. indo-néerl. III. 9, Pl. 2. f. 2.8 **lefebvrei***Heteropus lefebvrei* Spinola 1837 op. cit. 338.

Java.

9 **melacanthus***Pentatoma melacanthum* Boisduval 1835 Voy. Astrol., Ent. II. 628, Pl. 11. f. 7.Moluccas; Papua;
Solomons; New
Caledonia; Murua;
Lifu; Fiji.*P. fallenii* Guérin 1838 Voy. Coquille Zool. II. 165, Pl. 11. f. 8.*Heteropus melacanthum* Montrouzier 1861 A. S. E. France (4) I. 61.*Platynopus tenellus* Walker 1867 op. cit. 127.*Canthecona apicalis* Vollenhoven 1868 op. cit. 6, Pl. 1. f. 3.*C. biguttata* Vollenhoven 1868 op. cit. 8, Pl. 1. f. 6.*Platynopus melacanthus* Stål 1870 Svensk. Vet. Handl. 9. no. 1. p. 40; Schouteden 1907 Gen., Pl. 3. f. 10.

Feeds on larvae of Lepidoptera.

- 10 **minor**
Platynopus minor Ellenrieder 1862 Nat. Tijdschr. Ned. Ind. XXIV. 135. Sumatra.
- 11 **purpurascens**
Platynopus purpurascens Walker 1868 op. cit. III. 530. Ceram.
- 12 **reichii**
Platynopus reichii Signoret 1858 Thoms. Archiv. Ent. II. 276; Stål 1865 Hem. Afr. I. 71. Guinea; Old Calabar; Kamerun; Togo-land.
P. reichii Schouteden 1905 Rh. Aeth. 164, Pl. III. f. 6.
- 13 **17-maculatus**
 || *Cimex rostratus* Drury 1782 Ill. Nat. Hist. III. 59, Pl. 43. f. 3. Assinia; Ashanti; Dahomey; Guinea; Kamerun; Kongo; German East Africa.
 — — Stoll. Pun. f. 97.
 || *Cimex calens* Fabricius 1803 Syst. Rh. 163.
Pentatoma 17-maculata Palisot-Beauvois 1805 Ins. Afr. Amér. 112, Hém. Pl. 8. f. 5.
Asopus calens H-S. 1844 Wanz. VII. 117, f. 709.
Platynopus rostratus Stål 1865 Hem. Afr. I. 70; and 1870 Svensk. Vet. Handl. 9. no. 1. p. 40; Schouteden 1905 Rh. Aeth. 160, f. 39.
P. badius Walker 1867 op. cit. I. 125.
P. optabilis Walker 1867 op. cit. 126.
P. parvus Distant 1900 A. M. N. H. (7) VI. 56.
P. scutellatus Distant 1900 op. cit. 57; Schouteden 1905 Rh. Aeth. I. 277, figs. 40 a. 135.
 var. (b) **trijuncta**
Platynopus trijunctus Walker 1867 op. cit. 125.
- 14 **thomsonii**
Platynopus thomsonii Signoret 1858 op. cit. 277; Stål 1865 Hem. Afr. I. 69; and 1870 Svensk. Vet. Handl. 9. no. 1. p. 40. Guinea; Kamerun; Kongo.
P. thomsoni Schouteden 1905 Rh. Aeth. I. 157, f. 38.

Canthecona.

- Canthecona* Amyot and Serville 1843 Hém. 81; Stål 1870 Svensk. Vet. Handl. 9. no. 1. p. 41; Schouteden 1907 Gen. 43 (type *discolor*).
Ganthecona Stål 1865 Hem. Afr. I. 66 (laps. cal.).
Cimex subg. *Canthecona* Stål 1867 O. V. A. F. XXIV. 496.

- 1 **discolor**
Pentatoma discolor Palisot Beauvois 1805 Ins. Afr. Amér. 112, Hém. Pl. 8. f. 3. Guinea; Ashanti; Togoland.
Canthecona do. Amyot and Serville 1843 l. c.; Stål 1870 Svensk. Vet. Handl. 9. no. 1. p. 41; Schouteden 1905 Rh. Aeth. I. 142, f. 32.
Ganthecona do. Stål 1865 Hem. Afr. I. 68.

Cantheconidea.

Schouteden 1907 Gen. 12 u. 44 (type *javana*).

- 1 **acuta**
Canthecona acuta Vollenhoven 1868 Faun. indo-néerl. III. 9, Pl. 2. f. 1; Stål 1870 Svensk. Vet. Handl. 9. no. 1. p. 229. Timor; Jilolo.
- 2 **binotata**
Canthecona binotata Distant 1879 A. M. N. H. (5) III. 47; and 1902 Faun. Ind. Rh. I. 249. Assam.
- 3 **chrysoptera**
Asopus chrysopterus H-S. 1844 Wanz. VII. 114 a. 115, f. 781. Marianas Isles (Guam).
- 4 **cincinna**
Canthecona concinna Walker 1867 Cat. Het. I. 131. China (Hongkong).

- 5 **cyanacantha**
Canthecona cyanacantha Stål 1870 op. cit. 42. Fiji.
- 6 **furcellata**
Cimex furcellatus Wolff 1811 Icon. Cim. 177, Pl. XVIII. f. 176.
Asopus armiger H-S. 1844 op. cit. 119, f. 711.
Canthecona furcellata Stål 1871 O. V. A. F. XXVII. 619;
 Atkinson 1889 Ind. Mus. Notes I. 126, Pl. VI. f. 3;
 Distant 1902 op. cit. 248, f. 158; de Nicéville 1903
 Ind. Mus. Notes. V. 113, Pl. XVI. f. 5.
 Feeds on larva of *Hyblaea puer*a [Lep.] (Nicéville).
 Feeds on larvae of *Antheraea mylitta* [Lep.] (Atkinson).
- 7 **javana**
Glypsus? javanus Dallas 1851 List 94.
Canthecona javana Vollenhoven 1868 Faune indo-néerl. III. 9.
C. cognata Distant 1882 E. M. M. XIX. 157; and 1902 Faun.
 Ind. Rh. I. 250.
C. insularis W. F. Kirby 1891 J. Linn. S. London, Zool.
 XXIV. 79, Pl. IV. f. 4.
 Feeds on larvae of Lepidoptera (Kirkaldy 1900 Entom.
 XXXIII. 295).
- 8 **latipes**
Canthecona latipes Stål 1871 O. V. A. F. XXVII. 619. Philippines.
- 9 **mitis**
Canthecona mitis Vollenhoven 1868 op. cit. 7, Pl. 1. f. 5;
 Stål 1870 Svensk. Vet. Handl. 9. no. 1. p. 229. Timor; Amboina.
- 10 **parva**
Canthecona parva Distant 1902 l. c. India (Bengal).
- 11 **plebeja**
Canthecona plebeja Vollenhoven 1868 l. c., Pl. 1. f. 4. Ternate.
- 12 **robusta**
Picromerus robustus Distant 1879 A. M. N. H. (5) III. 48.
Canthecona robusta Distant 1902 Faun. Ind. Rh. I. 250. Assam [? Papua].
- 13 **rufescens**
Canthecona rufescens Vollenhoven 1868 op. cit. 6, Pl. 1. f. 2. Borneo; Sumatra;
 Java.
- 14 **tibialis**
Canthecona tibialis Distant 1879 A. M. N. H. (5) III. 46;
 and 1902 Faun. Ind. Rh. I. 249. Assam; Burma.
- 15 **variabilis**
Canthecona variabilis Vollenhoven 1868 op. cit. 8, Pl. 1. figs.
 7—8; Stål 1870 l. c.; Schouteden 1907 Gen., Pl. 3. f. 8. Timor.
- 16 **vollenhoveni**
Canthecona vollenhoveni Breddin 1902 Wien. E. Z. XXI. 95. Java; Lombok; Timor;
 Amboina.
- 17 **sp.?**
Canthecona sp.? Koningsberger and Zimmermann 1901 Med.
 's lands plant. XLIV. 46, Pl. II. figs. 4. Java.
 Feeds on larva of *Oreta extensa* [Lep.] (K. a. Z. l. c.).
 § K. a. Z. l. c., f. 5 (n.).

Friarius.Schouteden 1907 Gen. 12 a. 42 (type *alluaudi*).

Madagascar.

1 **alluaudi**

Canthecona alluaudi Schouteden 1905 Rh. Aeth. I. 143,
 f. 33.

Friarius do. Schouteden 1907 Gen., Pl. 3. f. 7.

Jalloides.

Schouteden 1907 Gen. 12 a. 41 (type *rubricosus*).1 *rubricosus*

S. Australia.

Jalla rubricosa Stål 1870 Svensk. Vet. Handl. 9. no. 1. p. 34.*Jalloides* do. Schouteden 1907 op. cit., Pl. 3. f. 4.2 ? *sanguineosignatus*

Chile; S. Patagonia.

Jalla sanguineosignata Spinola 1852 Gay Hist. Chile, Zool.

VII. 120; Signoret 1863 A. S. E. F. (4) III. 544.

Jalloides? *sanguineonotata* (!) Schouteden 1907 op. cit. 42.

Andrallus. p. 371

|| *Audinetia* Ellenrieder 1862 Nat. Tijdschr. Ned. Ind. XXIV. 136; (type *aculeata* = *spinidens*).*Cimer* subg. *Audinetia* Stål 1867 O. V. A. F. XXIV. 496; and 1870 Svensk. Vet. Handl. 9. no. 1. p. 45.*Andrallus* Bergroth 1905 A. S. E. Belg. XLIX. 370; Schouteden 1905 Rh. Aeth. I. 188 (new name).1 *spinidens*

Ethiopian Continent;

Cimer spinidens Fabricius 1787 Mant. Ins. II. 285.*Asopus geometricus* Burmeister 1835 Handb. Ent. II. 380.*Pentatoma aliena* [Westwood] 1837 Cat. Hope I. 40.*Arma geometrica* Dallas 1849 T. E. S. London V. 187, Pl. 19. f. 2.*Acanthidium cinctum* Montrouzier 1858 A. S. Linn. Lyon (2) V. 252.*Audinetia aculeata* Ellenrieder 1862 op. cit. 137, Pl. 1. f. 1.*A. spinidens* Distant 1902 Faun. Ind. Rh. I. 253, f. 160;

Schouteden 1905 Rh. Aeth. I. 189, Pl. III. f. 10.

Andrallus do. Schouteden 1907 Gen., Pl. 3. f. 6; and A. S. E. Belg. LI. 112.Foodplant: *Oryza sativa* (Ellenrieder l. c.).

Pinthaeus.

Platynopus Fieber 1860 Eur. Hem. 81 (not Am. a. S.).*Cimer* subg. *Pinthaeus* Stål 1867 O. V. A. F. XXIV. 497 (type *sanguinipes*).*Pinthaeus* Schouteden 1907 Gen. Ins. 39.1 *sanguinipes*C. a. S. Europe; Asia
minor; Amuria.*Cimer sanguinipes* Fabricius 1781 Spec. Ins. II. 344.*Asopus* do. H-S. 1839 Wanz. IV. 101, f. 449.*A. genei* A. Costa 1841 A. S. E. France X. 299, Pl. VI. f. 7.*Platynopus sanguinipes* Fieber 1861 Eur. Hem. 348; Puton

1881 Syn. Hém. France II. 78.

Pinthaeus do. Schouteden 1907 op. cit., Pl. 3. f. 5.

Macrorhaphis.

Macrorhaphis Dallas 1851 List 76 a. 87; Stål 1865 Hem. Afr. I. 65; Schouteden 1905 Rh. Aeth. I. 174; and 1907 Gen. 38 (type *leprosa*).*Macrorrhaphis* Bergroth 1893. Journ. Sc. Math. Lisboa (2) X. 124.subgen. (b) *Megarhaphis* F. B. W. White 1878 P. Zool. S. London 463.

(Megarrhaphis Bergroth 1893.)

(a) subgen. typ.

1 *leprosa*Kongo; Transvaal;
Cape Colony.*Asopus leprosus* Germar 1837 Silb. Rev. Ent. V. 186; H-S. 1844 Wanz. 116, f. 703.*A. tristis* H-S. 1844 op. cit. 120, f. 777.*Macrorhaphis leprosa* Dallas 1851 op. cit., Pl. 2. f. 1; Stål 1870 Svensk. Vet. Handl. 9. no. 1. p. 43; Schouteden 1905 Rh. Aeth. I. 175, f. 48.*M. tristis* Stål 1865 Hem. Afr. I. 65.

(b) subgen. *Megarhaphis*.

- 2 **acuta**
Macrorhaphis? acuta Dallas 1851 op. cit. 88.
M. spurcata Walker 1868 Cat. Het. III. 531.
Mecosoma spinosum Horváth 1892 Termész. füzet. XV. 253.
Macrorhaphis acuta Schouteden 1905 op. cit. 177, Pl. III. f. 8.
 var. (b) **infuscata**
Macrorhaphis infuscata Walker 1868 l. c.
- 3 **dallasi**
Macrorhaphis dallasi Schouteden 1905 op. cit. 175 a. 181.
 var. (b) **signata** Schouteden op. cit. 182, f. 49; and 1907 Gen., Pl. 3. f. 1.
- 4 **wollastoni**
Megarhaphis wollastoni F. B. W. White 1878 l. c.
Macrorhaphis do. Schouteden 1905 Rh. Aeth. I. 179.

Ethiopian Continental; Madagascar.

Madagascar.

St. Helena [prob. not endemic].

Auriga nom. nov.

- Arma* Stål 1867 O. V. A. F. XXIV. 498; Schouteden 1907 Gen. 56 (not Hahn); (type *custos*).
- 1 **chinensis**
Arma chinensis Fallou 1887 Le Naturaliste 36; Schouteden 1907 op. cit., Pl. 4. f. 3.
- 2 **custos**
Cimex custos Fabricius 1794 Ent. Syst. IV. 94; Wolff 1804 Ic. Cim. IV. 136, Pl. 14. f. 131.
Arma do. Hahn 1832 op. cit. 95, f. 52; Amyot and Serville 1843 Hém. 85; Fieber 1861 Eur. Hem. 348; Puton 1881 Syn. Hém. France II. 80.
Asopus do. Flor 1860 Arch. Nat. Livlands (2) III. 95.
 Foodplants: *Ailanthus*; *Alnus glutinosa*; *Lonicera*; *Carduus*.

China (Pekin; Hongkong).

C. a. S. Europe; Asia minor; Siberia; Japan; N. China. [? ? Zanzibar].

- 3 **discors**
Arma discors Jakovlev 1902 Русск. Знт. Обозр. II. 64.
- 4 **insperata**
Arma insperata Horváth 1899 Termész. füzet. XXII. 445.

Mongolia (Grand Kinghan).

Greece.

Rhacognathus.

- Fieber 1860 Eur. Hem. p. 81; Schouteden 1907 Gen. 54 (type *punctatus*).
 (*Asopus* of many authors.)
- 1 **americanus**
Rhacognathus americanus Stål 1870 Svensk. Vet. Handl. 9. no. 1. p. 33; Van Duzee 1904 T. Amer. E. S. XXX. 68.
- 2 **callosus**
Rhacognathus callosus Horváth 1903 Ann. Mus. Hung. I. 408.
- 3 **distinctus**
Rhacognathus distinctus Schouteden 1907 A. S. E. Belg. LI. 36; and Gen., Pl. 4. f. 1.
- 4 **punctatus**
Cimex punctatus Linneus 1758 Syst. Nat. Ed. 10, p. 443; Wolff 1811 Icon. Cim. 175, Pl. 18. f. 173.
 || *C. variiegatus* Goeze 1778 Ent. Beytr. II. 235.
C. annularis Geoffroy 1785 Fourcroy Ent. Paris. 215.
Eysarcoris punctatus Hahn 1834 Wanz. II. 69, f. 157.
Rhacognathus do. Fieber 1861 op. cit. 347; Douglas and Scott 1865 Br. Hem. 92, Pl. 3. f. 5.

Canada; Ohio; Illinois.

Amuria.

S. Mongolia.

Europe; Siberia.
 [? China; Japan].

Asopus do. Puton 1881 Syn. Hém. France II. 81; Saunders 1892 Hem. Het. Brit. 35, Pl. 3. f. 8.

Foodplants: *Betula alba*; *Epilobium angustifolium*; *Salix caprea*. *Alnus glutinosa*.

Euthyrhynchus.

Euthyrhynchus Dallas 1851 List 77; Schouteden 1907 Gen. 55 (type *floridanus*).
Eutyrrhynchus (!) Dohrn 1859 Cat. Hem. 8.

1 *floridanus*

Cinex floridanus Linneus 1767 Syst. Nat. Ed. 12. p. 719.

C. punicus Linneus 1767 l. c.

Pentatoma emarginata Say 1832 Descr. New Het. p. ?; and 1859 Compl. Writ. I. 313.

Asopus floridanus H-S. 1839 Wanz. IV. 102, f. 450.

A. trivittatus H-S 1839 op. cit. 103, f. 451.

Euthyrhynchus punicus Dallas 1851 op. cit. 104, Pl. 2. f. 1.

Arma colorata Walker 1867 Cat. Het. I. 136.

Euthyrhynchus floridanus Stål 1870 Svensk. Vet. Handl. 9. no. 1. p. 54; Distant 1880 B. C. A. Het. I. 41, Pl. 1. f. 21; Schouteden 1907 Gen., Pl. 4. f. 2.

Preys on Cetonidae [Col.] (Belt 1888 Nat. Nicaragua Ed. 2. p. 127 as *Pentatoma punicea*); and on *Apis mellifera* [Hym.].

United States; Mexico;
Br. Honduras; Guatemala; Nicaragua;
Costa Rica; Panama; Colombia;
Venezuela; Brazil.

2 *macrocnemis*

Pentatoma macrocnemis Perty 1833 Del. An. 167, Pl. 33. f. 10.

Euthyrhynchus ducalis Stål 1862 Stett. E. Z. XXIII. 93.

E. macrocnemis Stål 1870 Svensk. Vet. Handl. 9. no. 1. p. 56.

Brazil.

Tynacantha.

Dallas 1851 List 77 a. 106; Stål 1867 O. V. A. F. XXIV. 497; Schouteden 1907 Gen. 59 (type *marginata*).

1 *marginata*

Tynacantha marginata Dallas 1851 List 107, Pl. 2. f. 4; Schouteden 1907 Gen., Pl. 4. f. 8.

Podisus albiseptus H-S. 1851 Wanz. IX. 339, f. 1000 [fig. as *Rhaphigaster*].

Colombia; Venezuela;
Brazil; Argentine.

2? *splendens*

Tynacantha splendens Distant 1889 B. C. A. Het. I. 321, Pl. 29. f. 15.

Panama.

Supputius.

Distant 1889 B. C. A. Het. I. 321; Schouteden 1907 Gen. 58 (type *pulchricornis*).

1 *cincticeps*

Telepta cincticeps Stål 1860 Svensk. Vet. Handl. 2 no. 7. p. 11.

Arma lateralis Walker 1867 Cat. Het. I. 138.

Supputius cincticeps Schouteden 1907 Gen., Pl. 4. f. 9.

Brazil (Rio Janeiro
and Minas Geraes).

2 *obscurus*

Supputius obscurus Breddin 1904 Soc. Ent. XVIII. 154.

Ecuador.

3 *pulchricornis*

Telepta pulchricornis Stål 1862 Stett. E. Z. XXIII. 90.

Tynacantha do. Distant 1880 op. cit., Pl. 4. f. 3.

Mexico.

4 *typicus*

Supputius typicus Distant 1889 B. C. A. Het. I. 321, Pl. 29. f. 17.

Panama.

Coryzorhaphis.

Coryzorhaphis Spinola 1837 Essai 353; Schouteden 1907 Gen. 60 (type *leucocephala*).
Coryssorhaphis Amyot et Serville 1843 Hém. 79. ("emend.")
Corissoraphis H-S. 1851 Wanz. IX. 295. (laps. cal.)
Gilva Walker 1867 Cat. Het. I. 141 a. 239 (type *varipes* = *spinolae*).

1 carneola

Coryssoraphis carneolus Erichson 1848 Schomb. Reise Guiana III. 609.

Br. Guiana.

2 cruciata

Coryzorhaphis cruciata Stål 1870 Svensk. Vet. Handl. 9. no. 1. p. 38; Distant 1880 op. cit., Pl. 2. f. 20.

Mexico; Guatemala;
Br. Honduras; Colombia.

3 leucocephala

Coryzorhaphis leucocephala Spinola 1837 Essai 354.

Coryssorhaphis leucocephalus Amyot et Serville 1843 op. cit. 80, Pl. 3. f. 1.

Brazil.

4 spinolae

Coryzorhaphis spinolae Signoret 1862 A. S. E. France (4) II. 579, Pl. 15. f. 1; Schouteden 1907 Gen., Pl. 4. f. 11.

Gilva varipes Walker 1867 op. cit. 142 a. 239.

N. Brazil; Perú.

5 superba

Coryzorhaphis superba Breddin 1906 Wien. E. Z. XXV. 196.

Perú.

Mineus.

Stål 1867 O. V. A. F. XXIV. 498; Schouteden 1907 Gen. 61 (type *strigipes*).

1 strigipes

Podisus strigipes H-S. 1851 Wanz. IX. 338.

Mineus do. Schouteden 1907 op. cit., Pl. 4. f. 10.

United States.

2 triangularis

Strachia triangularis Walker 1867 Cat. Het. II. 323.

Ecuador.

Zicrona.

Amyot et Serville 1843 Hém. 86; Stål 1867 O. V. A. F. XXIV. 499; Fieber 1860 Eur. Hem. 81; Schouteden 1907 Gen. 74 (type *caerulea*).

1 caerulea

Cimex caeruleus Linneus 1758 Syst. Nat. Ed. X. p. 445;
Wolff 1800 Icon. Cim. 18, Pl. II. f. 18.

Pentatoma coerulea Curtis 1824 Brit. Ent. I. Pl. XX.

P. coeruleum Hahn 1834 Wanz. II. 65, f. 154.

P. concinna [Westwood] 1837 Cat. Hope I. 39.

P. violacea [Westwood] l. c.

Zicrona illustris Amyot and Serville 1843 op. cit. 87.

Z. coerulea Fieber 1861 Eur. Hem. 346; Douglas and Scott 1865 Br. Hem. I. 88, Pl. 3. f. 3

Z. caerulea Saunders 1892 Hem. Het. Brit. 36, Pl. 3. f. 10;
Distant 1902 Faun. Ind. Rh. I. 255, f. 163.

Palaearctic Region
throughout;
S. China (Macao);
India; Assam; Bur-
ma; Malacca; Bor-
neo; Sumatra; Java;
Canada; United
States. [? Guinea].

var. (b) cuprea

Zicrona cuprea Dallas 1851 List 108; Uhler 1872 Rep. U. S. Geol. Surv. V. 395.

Foodplants: *Adimonia capreae*; *Betula alba* and *nana*; *Calluna vulgaris*; *Euphorbia*; *Glycyrrhiza*; *Juniperus communis*; *Mentha hirsuta*; *Rubus*; *Thesium ramosum*; Grasses.

Comperocoris.

Stål 1867 O. V. A. F. XXIV. 499; Schouteden 1907 Gen. 73 (type *cruciatus* = *roehneri*).

1 roehneri

Jalla roehneri Philippi 1862 Ann. Un. Chili XXI. 414.

Chili; S. Patagonia.

- Asopus cruciatus* Signoret 1863 A. S. E. France (4) III. 543,
Pl. II. f. 1.
Comperocoris roehneri Berg 1881 A. S. Cient. Arg. XII. 259;
Schouteden 1907 op. cit., Pl. 5. f. 11.

Apateticus¹⁾.

Apateticus Dallas 1851 List 77 and 105; Schouteden 1907 Gen. 68 (type *halys* = *lineolatus*).

subgen. **Podisus**

Podisus H-S. 1851 Wanz. IX. 296; Stål 1867 O. V. A. F. XXIV. 497; and 1870 Svensk. Vet. Handl. 9. no. 1. p. 48; † Kirkland 1897 Rep. Massachusetts Board Agr. XLV. 412—39; Van Duzee 1904 T. Amer. E. S. XXX. 68 (table of 11 N. American spp.). (type *vittipennis* = *bifidus*).

Telepta Stål 1860 op. cit. 2. no. 7. p. 10 (type *crassimargo*).

Apateticus subg. *Eupodisus* Schouteden 1907 l. c. (type *modestus*).

subgen. **Tylospilus** Stål 1870 op. cit. 9. no. 1. p. 52 (type *chilensis*).

subgen. **Apocecilus** Stål 1870 op. cit. 49 (type *grandis* = *cynicus*).

(a) subgen. **Podisus**.

- | | |
|---|--|
| 1 aenescens | Brazil (Amazons);
Argentina. |
| <i>Telepta aenescens</i> Stål 1860 op. cit. 2. no. 7 p. 11. | |
| <i>Podisus do.</i> Distant 1880 T. E. S. London 148. | |
| 2 affinis | Mexico; Guatemala;
Panama; Columbia. |
| <i>Telepta</i> <i>fuscescens</i> Stål 1862 Stett. E. Z. XXIII. 90. | |
| <i>Podisus affinis</i> Distant 1880 B. C. A. Het. I. 38, Pl. 3. f. 24. | |
| 3 amulae | Mexico. |
| <i>Podisus amulae</i> Distant 1889 B. C. A. Het. I. 319, Pl. 3. f. 15. | |
| 4 argilliventris | Ecuador. |
| <i>Podisus argilliventris</i> Bergroth 1891 Rev. Ent. X. 218. | |
| 5 atitlanensis | Guatemala. |
| <i>Podisus atitlanensis</i> Distant 1893 B. C. A. Het. I. 454. | |
| 6 australis | Argentina. |
| <i>Podisus australis</i> Berg 1879 Hem. Argent. 278. | |
| 7 blanditor | Perú. |
| <i>Podisus blanditor</i> Breddin 1904 Soc. Ent. XIX. 49. | |
| 8 borellii | Argentina. |
| <i>Podisus borellii</i> Montandon 1895 Bull. Mus. Torino X. no. 219.
p. 5. | |
| 9 caliginosus | Brazil (Rio de Ja-
neiro). |
| <i>Arma caliginosa</i> Walker 1867 Cat. Het. I. 138. | |
| 10 carbonarius | Costa Rica. |
| <i>Podisus carbonarius</i> Breddin 1904 Soc. Ent. XVIII. 154. | |
| 11 carnifex | Bolivia. |
| <i>Podisus carnifex</i> Breddin 1904 l. c. | |
| 12 congrex | Mexico; Guatemala;
Costa Rica; Pa-
nama. |
| <i>Telepta congrex</i> Stål 1862 Stett. E. Z. XXIII. 91. | |
| <i>Podisus do.</i> Distant 1880 B. C. A. Het. I. 40, Pl. 1. f. 20. | |
| 13 connexivus | Brazil. |
| <i>Podisus connexivus</i> Bergroth 1891 Rev. Ent. X. 215. | |
| 14 cornutus | Colombia. |
| <i>Arma cornuta</i> Dallas 1851 List 98. | |
| 15 crassimargo | Brazil (Rio de Ja-
neiro). |
| <i>Telepta crassimargo</i> Stål 1860 Svensk Vet. Handl. 2. no. 7.
p. 10. | |
| 16 curvispinus | Brazil. |
| <i>Podisus curvispina</i> Bergroth 1891 op. cit. 216. | |

¹⁾ Refer to Introduction for many additional references.

- 16^a **distinctus**
Telepta distincta Stål 1860 op. cit. p. 11. Brazil (Rio de Janeiro).
- 17 **dufouri**
Podisus dufouri Bergroth 1891 op. cit. 219. Brazil.
- 18 **falcatus**
Podisus falcatus Distant 1889 B. C. A. Het. I. 318, Pl. 29. f. 18. Guatemala.
- 19 **fuscescens**
Arma fuscescens Dallas 1851 op. cit. 102. Texas; Mexico.
Podisus do. Distant 1880 B. C. A. Het. I., Pl. 4. f. 20.
- 20 **gaumeri**
Podisus gaumeri Distant 1889 B. C. A. Het. I. 320, Pl. 30. f. 16. Mexico; Grenada.
- 21 **gundlachii**
Pentatoma gundlachii Guérin 1857 Sagra, Hist. Cuba, Ins. 367, Pl. 13. f. 2. Cuba.
- 22 **insignis**
Podisus insignis Distant 1880 B. C. A. Het. I. 39, Pl. 4. f. 15. Guatemala.
- 23 **invarius**
Arma invaria Walker 1867 Cat. Het. I. 135. Mexico.
Podisus do. Distant 1880 op. cit., Pl. 4. f. 21.
- 24 **jole**
Telepta jole Stål 1862 Stett. E. Z. XXIII. 92. Mexico.
Podisus jole Distant 1880 op. cit., Pl. 4. f. 1.
- 25 **maculiventris**
Pentatoma maculiventris Say 1831 Descr. N. Amer. Ins. Louisiana 11; and 1899 Psyche VIII. 307. Canada; United States.
Arma spinosa Dallas 1851 List 98.
Podisus maculiventris Van Duzee 1904 T. Amer. E. S. XXX. 71.
 §§ Packard 1885 Rep. U. S. Ent. Comm. IV. 97, figs. 17—18 (*o—a*).
 § Lintner 1890 Rep. N. York State Mus. XLIII. 137, f. 18.
 § Chittenden 1901 Bull. U. S. Ent. n. s. XXVII. 107.
 § Morrill 1906 Bull. U. S. Ent. LX. 155—61, f. 6 (*o—a*).
 §§ Patch 1907 Bull. Maine Agr. Sta. [148], p. 277 (*o*).
 §§ Chittenden 1907 Circ. U. S. Ent. 87 p. 11. f. 6 (*n—a*).
 Ova deposited on Balsam Fir (Patch).
 Principal food of nymph vegetarian (Packard); apple etc. (Glover).
 Feeds on larvae of *Selandria barda* [Hym.] (Osborne 1884 Can. Ent. XVI. 151); and of *Pristiphora glossulariae* [Hym.]; of *Alabama argillacea* and *Heliothis obsoleta* [Lep.]; of *Gallerucella luteola*, *Haltica chalybea* and *Leptinotarsa decemlineata* [Col.] (Morrill and Chittenden l. cc.); on nymphs of *Euschistus tristigma* [Hem.] (Patch).
 Parasitized by *Trissolcus podisi* [Hym.].
- 26 **mellipes**
Podisus mellipes Bergroth 1891 op. cit. 217. Brazil.
- 27 **mexicanus**
Podisus mexicanus Distant 1880 op. cit. 38, Pl. 4. f. 5. Mexico.
- 28 **modestus**
Arma modesta Dallas 1851 List 101. Canada; United States;
Rhaphigaster aggressor Walker 1867 Cat. Het. II. 359. Mexico; Hispaniola.
Podisus modestus Distant 1880 op. cit. 38, Pl. 4. f. 4.
 Feeds on larvae of *Hemileuca maia* [Lep.]; and of *Nematus erichsonii* [Hym.] (Moffat 1884 Can. Ent. XVI. 215); and of *Haltica chalybea* [Col.] (Lintner 1891. Rep. N. Y. State Mus. XLVIII. 353).
 Parasitized by *Telenomus podisi* [Hym.].
 Foodplants: *Clematis ligusticifolia*; *Solidago*.

- 29 **mucronatus** S. Florida; Cuba.
Podisus mucronatus Uhler 1897 T. Maryland Ac. Sci. I. 386;
 Van Duzee 1904 op. cit. 72.
- 30 **neglectus** —?
Rhaphigaster neglectus [Westwood] 1837 Cat. Hope I. 31.
Podisus do. Distant 1900 P. Zool. S. London 817, Pl. 53. f. 4.
- 31 **neniator** Ecuador.
Podisus neniator Breddin 1904 Soc. Ent. XVIII. 154.
- 32 **nigrispinus** Brazil; Peru; Argentine; [Tahiti].
 || *Edessa bifida* Laporte 1833 Silb. Rev. Ent. I. 36.
Arma nigrispina Dallas 1851 List 99.
Podisus vittipennis H-S. 1853 Wanz. IX. 339.
Arma emarginata Stål 1859 Eugen. Resa Ins. 222.
- 33 **nigriventris** Guatemala; Panama.
Podisus nigriventris Distant 1880 B. C. A. Het. I. 39, Pl. 4. f. 14.
- 34 **nigrolimbatus** Chili; Argentine.
Oplomus nigrolimbatus Spinola 1852 Gay, Hist. Chile, Zool.
 VII. 122.
Arma nigrolimbata Signoret 1863 A. S. E. France (5) III. 544.
- 35 **obscurus** Brazil.
Arma obscura Dallas 1851 List 100.
- 36 **pallens** California; L. California.
Arma pallens Stål 1859 Eugen. Resa, Ins. 222.
Podisus do. Van Duzee 1904. l. c.
- 37 **pallipes** Venezuela.
Arma pallipes Dallas 1851 List 101.
- 38 **placidus** Canada; United States.
Podisus placidus Uhler 1870 Am. Ent. II. 203. f. 124; 1897
 Can. Ent. XXIX. 116. Van Duzee 1904 op. cit. 71.
- 39 **punctiger** Columbia.
Podisus punctiger Stål 1870 Svensk. Vet. Handl. 9. no. 1. p. 52.
- 40 **rostralis** Brazil.
Telepta rostralis Stål 1860 op. cit. 2. no. 7. p. 10.
- 41 **sagitta** Texas; Mexico; Jamaica; Grenada; Hispaniola; Guatemala; Costa Rica; Panama; Venezuela; Brazil.
Cimex sagitta Fabricius 1794 Ent. Syst. IV. 99.
Pentatoma didyma Palisot de Beauvois 1805 Ins. Afr. Amér.
 128, Hém. Pl. 9. f. 2.
Arma do. Amyot et Serville 1843 Hém. 85.
A. monospila Walker 1867 Cat. Het. I. 136.
Podisus sagitta Distant 1880 B. C. A. Het. I, Pl. 1. f. 22;
 Van Duzee 1904 l. c.
- 42 **schaefferi** Brazil.
 || *Podisus pallipes* H-S. 1851 Wanz. IX. 339.
P. schaefferi Lethierry et Severin 1893 Cat. Hém. I. 219.
 (new name).
- 43 **sculptus** Panama.
Podisus sculptus Distant 1889 B. C. A. Het. 320, Pl. 29. f. 16.
- 44 **semialbus** Brazil.
Mormidea semialba Walker 1868 Cat. Het. III. 553.
Podisus semialbatus Distant 1900 A. M. N. H. (7) VI. 58 (laps. cal.).
- 45 **serieventris** Canada; United States.
Podisus serieventris Uhler 1871 P. Boston. S. N. H. XIV. 95;
 and 1878 op. cit. XIX. 370; Kirkland 1896 Forbush
 and Fernald, "Gypsy Moth" 393, Pl. 53. f. 4; Van
 Duzee 1904 op. cit. 71.

§§ Kirkland op. cit. 395—402, Pls. 61—62 (o—a).

§ Howard 1904 Ins. Book. 314.

§ Fernald 1898 Bull. U. S. Ent. XVII. 28.

Feeds on larvae of *Attacus promethea*, *Clisiocampa americana* and *disstria*, *Hyphantria cunea*; *Orgyia leucostigma*; *Paleacrita vernata*; *Vanessa antiopa* [Lep.]; dead imagines of *Limenitis ursula* and *Pyrophila pyramidoides* [Lep.]; also *Podisus cynicus* and *Meneclis insertus* [Hem.]; and all stages of *Porthetria dispar* [Lep.] (Kirkland).

Foodplant: *Quercus rubra*.

- 46 **signoreti** Brazil.
Podisus signoreti G. Fallou 1891 Rev. Ent. X. 6.
- 47 **smithi** Mexico.
Podisus smithi Distant 1889 op. cit. 319, Pl. 30. f. 14.
- 48 **sordidus** Perú; Galapagos Isl.
Arma sordida Stål 1859 Eugen. Resa; Ins. 221. (? endemic).
- 49 **submarginatus** Brazil.
Arma submarginata Walker 1867 Cat. Het. I. 139.
- 50 **tabidus** Columbia; Venezuela;
Arma tabida Signoret 1863 A. S. E. France (5) III. 544. Chili.
Podisus nebulosus G. Fallou 1891 Rev. Ent. X. 6.
- 51 **thetis** Mexico; Guatemala;
Telepta thetis Stål 1862 Stett. E. Z. XXIII. 92. Panama.
Podisus do. Distant 1880 B. C. A. Het. I. 40, Pl. 4. f. 2.
- 52 **tinctus** Mexico; Columbia.
Arma tincta Dallas 1851 List 97.
Podisus tinctus Stål 1870 Svensk. Vet. Handl. 9. no. 1. p. 50;
Distant 1880 op. cit. 37, Pl. 3. f. 23.
- 53 **turbidus** — ?
Arma turbida Walker 1867 Cat. Het. I. 140.
Podisus turbidus Distant 1900 A. M. N. H. (7) VI. 59.
- 54 **ventralis** Colombia; Venezuela.
Arma ventralis Dallas 1851 op. cit. 100.
- 55 **vilis** Brazil.
Podisus vilis Bergroth 1891 Rev. Ent. X. 217.
- 56 **volxemi** Brazil.
Podisus volxemi Distant 1887 C. R. Soc. E. Belg. XXXI p. LVIII; Schouteden 1907 Gen., Pl. 5. f. 9.
- (b) subg. **Tylospilus**.
- 57 **acutissimus** Colorado; Arizona;
Podisus acutissimus Stål 1870 Svensk. Vet. Handl. 9. no. 1. Texas; Mexico;
p. 53; Distant 1880 B. C. A. Het. I. 40, Pl. 2. f. 22; Guatemala.
Van Duzee 1904 op. cit. 72.
- 58 **chilensis** Chili.
Arma chilensis Spinola 1852 Gay, Hist. Chile, Zool. VII. 124, Pl. I. f. 6; Signoret 1863 A. S. E. France (4) III. 544.
Podisus do. Schouteden 1907 Gen., Pl. 5. f. 10.
- 59 **cloelia** Mexico; Panama.
Telepta cloelia Stål 1862 Stett. E. Z. XXIII. 91.
Podisus do. Stål 1870 Svensk. Vet. Handl. 9. no. 1. p. 53;
Distant 1880 op. cit., Pl. 2. f. 21.
- 60 **distans** Brazil.
Podisus distans Bergroth 1891 op. cit. 220.
- 61 **megaspilus** N. Brazil.
Hoploxyys megaspilus Walker 1867 Cat. Het. I. 141.

62 **nigrobinotatus***Mormidea nigrobinotata* Berg 1879 Hem. Arg. 279.*Podisus nigrobinotatus* Berg 1884 Addit. Hem. Arg. 19.

Argentina.

63 **rubromaculatus***Podisus rubromaculatus* Distant 1880 B. C. A. Het. 41, Pl. 7. f. 1.

Mexico.

(c) subg. typic.

64 **lineolatus***Halys lineolata* H-S. 1840 Wanz. V. 69, f. 514.*Apateticus halys* Dallas 1851 List 105, Pl. 2. f. 2.*Podisus punctipennis* H-S. 1852 Wanz. IX. 338.*P. lineolatus* Distant 1880 op. cit. 36, Pl. 1. f. 19; Schouteden 1907 Gen., Pl. 5. f. 7.

Texas; Mexico; Guatemala; Costa Rica; Panama; Colombia; Venezuela.

65 **marginiventris***Podisus marginiventris* Stål 1870 Svensk. Vet. Handl. 9. no. 1. p. 49; Distant 1880 op. cit. 37, Pl. 4. f. 24.*P. gillettei* Uhler 1895 Gillette, Bull. Colorado Exp. Sta. XXXI. 12.*P. gillettei* Van Duzee 1904 op. cit. 69.

Colorado; Mexico.

(d) subg. Apoeecilus.

66 **bracteatus***Arma bracteata* Fitch 1856 Tr. N. Y. State Agr. Soc. XVI. 332¹⁾.*P. bracteatus* Heidemann 1904 P. E. S. Washington VI. 9, f. 1. B.; Van Duzee 1904 op. cit. 70.

Canada; N. United States

var. (b) **crocata***Podisus crocatus* Uhler 1897 T. Maryland Ac. Sci. I. 384.

W. and S. United States.

67 **cynicus***Pentatoma cynica* Say 1831 Descr. Het. Hem. p. 3; and 1859 Compl. Writ. I. 312.*Arma grandis* Dallas 1851 List 96; Fitch 1856 Tr. N. York State Agr. Soc. XVI. 331, Pl. 2. f. 7.*Podisus cynicus* Uhler 1876 Bull. U. S. Geol. Surv. II, Pl. XIX. f. 18; Kirkland 1896 Forbush and Fernald "Gypsy Moth" 392, Pl. 53. f. 3; Heidemann 1904 l. c., fig. 1 A.; Van Duzee 1904 op. cit. 70; Schouteden 1907 Gen., Pl. 5. f. 8.

Canada; United States.

Foodplant: Apple, Oak etc.

Feeds on sap of trees (Glover); on larvae of *Aletia* [Lep.]; and of *Leptinotarsa decemlineata* [Col.] (Glover, Kirkland and Chittenden); and of *Nematus ventricosus* (Lintner 1891 Rep. N. Y. State Mus. XLIV. 356).**Arma.***Arma* Hahn 1832 Wanz. I. 91; Spinola 1837 Essais 336 (type *lurida*).*Asopus* Fieber 1861 Eur. Hem. 348 (not Burmeister typ.).*Podisus* subgen. *Troilus* Stål 1867 O. V. A. F. XXIV. 498; Schouteden 1907 Gen. 67 (type *luridus*).|| *Harma* T. A. Marshall 1868 Ent. Mo. Mag. IV. 282 ("emend.").1 **luridus** 264*Cimex luridus* Fabricius 1775 Syst. Ent. 701; Donovan 1794 Brit. Ins. III. 69, Pl. XCVIII; Wolff 1804 Ic. Cim. 135, Pl. XIII. f. 130.

Europe; Siberia; N. India; Burma.

C. serrulatus Müller 1776 Zool. Dan. 105.|| *C. dentatus* Schrank 1781 Ins. Austr. 268.*C. beryllinus* Gmelin 1789 Syst. Nat. Ed. XIII. p. 2148.¹⁾ Reprinted as "Rep. Nox. Ins. N. York. III. 18.

C. elector Fabricius 1794 Ent. Syst. IV. 98.

† *C. serratus* Hahn 1826 Ic. Cim. f. 3 [? described].

Arma lurida Hahn 1832 Wanz. I. 97, f. 53.

Pentatoma sublurida [Westwood] 1837 Cat. Hope I. 41.

Asopus luridus Flor 1860 Arch. Naturk. Livlands (2) III. 95;

Fieber 1861 Eur. Hem. 348; Douglas and Scott 1865
Brit. Hem. 94, Pl. 2. f. 6.

Podisus do. Puton 1881 Syn. Hém. France II. 80; Saunders

1892 Hem. Het. Brit. 34, Pl. 3. f. 7; Distant 1902 Faun.

Ind. Rh. I. 254, f. 161.

Troilus do. Schouteden 1907 Gen., Pl. 5. f. 15.

var. (b) **angusta** ~~Switzerland~~

Troilus luridus var. *angustus* Reuter 1881 Berlin. E. Z. 156.

§ Nordin 1886 Ent. Tidskr. VII. 32. (n.).

Foodplants: *Betula*; Apple; Larch.

✓ Feeds on nymphs of *Piezodorus bilobus* [Hem.][†] (Butler 1881 E.
M. M. XVIII. 113); and *Galerucella* (?) *viburni* [Col.]

Esam 1897 Ent. Rec. IX. 64.

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Dorycoris.

Dorycoris Mayr 1864 Verh. zool. bot. Ges. Wien XIV. 906; Schouteden 1905 Rh.

Aeth. I. 134; and 1907 Gen. 57 (type *pavoninus*).

Claudia Stål 1865 Hem. Afr. I. 63 a. 74 (same type).

1 *pavoninus*

Pentatoma pavonina [Westwood] 1837 Cat. Hope. I. 39.

P. bronzea [Westwood] op. cit. 40.

Claudia pavonina Stål 1865 op. cit. 75.

Dorycoris pavoninus Schouteden 1905 Rh. Aeth. I. 135; and

1907 Gen. Ins., Pl. 4. f. 4.

Continental Ethio-
pian; Madagascar.

var. (b) **annulipes**

Asopus annulipes Germar 1837 Silb. Rev. Ent. V. 187.

var. (c) **miniata**

Pentatoma miniata [Westwood] op. cit. 43.

Asopus fuscus Germar 1837 l. c.; H-S. 1844 Wanz. VII. 115,
f. 780.

Rhaphigaster perornatus Walker 1868 Cat. Het. III. 567.

Dorycoris pavoninus var. *miniatus* Schouteden 1905 Rh. Aeth.

I., Pl. 3. f. 3.

var. (d) **nudiventris**

Claudia nudiventris Stål 1865 l. c.

var. (e) **rutherfordi**

Dorycoris rutherfordi Distant 1892 E. M. M. (2) III. 187¹⁾.

Amyotea.

Asopus Burmeister 1834 Nov. Act. Ac. Leop. XVI Suppl. 292; Stål 1865 Hem. Afr.
I. 63; and 1870 Svensk. Vet. Handl. 9. no. 1. p. 56 (not Burmeister [earlier] typ.).

Amyotea Ellenrieder 1862 Nat. Tijdschr. Ned. Ind. XXIV. 137; Schouteden 1907
Gen. 53 (type *dystercoides* = *malabarica*.)

1 *erythromela*

Strachia erythromela Walker 1867 Cat. Het. II. p. 339.

Asopus erythromelas (!) Stål 1870 op. cit. 58.

Papua; Batchian;
Jilolo; Ternate.
[Kaisaa = ?]

var. (b) **praecipua**

Strachia praecipua Walker 1867 Cat. Het. II. 339.

Asopus carnifex Vollenhoven 1868 Faun. Indo-néerl. III. 12.
Pl. 2. f. 3.

¹⁾ *Dolycoris* (!) in Zool. Rec. for 1892 p. 304.

- var. (c) **pyrophila**
Strachia pyrophila Walker 1867 op. cit. 340.
Asopus pyrophilus Breddin 1900 Abh. Senck. Ges. XXV. 146.
- 2 **frontalis**
Strachia frontalis Walker 1867 op. cit. 338.
Asopus semiriolaceus Vollenhoven 1868 op. cit. 13, Pl. 2. f. 5.
- 3 **glaucolimбата**
Strachia glaucolimбата Tryon 1892 Ann. Queensl. Mus. II. 15¹⁾.
- 4 **hamata**
Strachia hamata Walker 1867 op. cit. 342.
S. saturata Walker l. c.
Asopus distigma Vollenhoven 1868 l. c., Pl. 2. f. 4.
Amyotea hamata Schouteden 1907 op. c., Pl. 4. f. 7.
- 5 **malabariensis**
Cimex malabariensis Fabricius 1775 Syst. Ent. 718.
C. mactans Fabricius 1781 Spec. Ins. II. 366.
 || *C. oculatus* Fabricius 1798 Ent. Syst. Suppl. 535.
Lygaeus argus Fabricius 1803 Syst. Rh. 217 (new name for *C. oculatus*).
Asopus do. Burmeister 1834 Nov. Act. Ac. Leop. XVI. Suppl. 293, Pl. 41. f. 6.
Amyotea dysteroides Ellenrieder 1862 op. cit. 137, Pl. 1. f. 2—3.
Asopus mactans Vollenhoven 1868 op. cit. 12.
A. malabariensis Stål 1870 Svensk. Vet. Handl. 9. no. 1. pp. 56 a. 230; Distant 1902 Faun. Ind. Rh. 255, f. 162.
- var. (b) **nigripes**
Amyotea nigripes Ellenrieder 1862 op. cit. 138, figs. 4—5.
Asopus do. Vollenhoven 1868 op. cit. 14.
- var. (c) **rubrocincta**
Asopus malabariensis var. *rubrocinctus* Breddin 1899 Beih. Jb. Hamb. Wiss. Anst. XVI (2). 166.
 § Ellenrieder l. c. (n.).
 Foodplants: *Arena lappago*; *Sida retusa* and *spinosa*.

Jilolo; Kaisaa; Bat-chian.

Papua.

Papua; Ceram; Ternate; Amboina; ~~Queensland (Cairns)~~.

India; Assam; Borneo; Sumatra; Java; Philippines (Luzon); Lombok; Timor.

Sumatra

Lombok

Anasida.

- Karsch 1892 Berlin. E. Z. XXXVII. 481; Schouteden 1905 Rh. Aeth. I. 191; and 1907 Gen. 52 (type *tenebrio*).
- 1 **funebriis**
Anasida funebriis Distant 1900 A. M. N. H. (7) VI. 59.
- 2 **tenebrio**
Anasida tenebrio Karsch 1892 l. c., f. 1; Schouteden 1905 Rh. Aeth. I. 191, Pl. III. f. 12.

Natal.

Kongo; Kamerun.

Mecosoma.

- Dallas 1852 List 77 a. 104; Stål 1865 Hem. Afr. I. 73; Schouteden 1905 Rh. Aeth. I. 182; and 1907 Gen. 62 (type *mentor*).
- 1 **coquerelii**
Mecosoma coquerelii Signoret 1861 A. S. E. France (3) VIII. 922, Pl. 13. f. 2; Stål 1865 op. cit. 74.
M. coquereli Schouteden 1905 Rh. Aeth. I. 186, f. 53.
- 2 **florida**
Mecosoma florida Distant 1890 C. R. S. E. Belg. XXXIV. p. LIV.
M. floridum Schouteden 1905 Rh. Aeth. I. 185, Pl. III. f. 1, and textf. 52.

Madagascar; Nossi-be.

Kongo.

¹⁾ *Asopus* sec. Zool. Rec. for. 1892 p. 303. I have not been able to see the paper.

3 **mentor**

Asopus mentor Germar 1837 Silb. Rev. Ent. V. 186.

Rhaphigaster do. H-S. 1846 Wanz. VIII. 7, f. 713.

Mecosoma do. Stål 1865 op. cit. 73; Schouteden 1905 op. cit. 183, figs. 50—1.

M. marshalli Distant 1898 A. M. N. H. (7) II. 308.

M. thoracata Distant 1901 op. cit. VIII. 61.

Cape Colony; Transvaal; Matabeleland; Mashonaland; Gambia.

Hoploxys.

Dallas 1851 List 77 a. 102; Schouteden 1905 Rh. Aeth. I. 139; and 1907 Gen. 62 (type *coeruleus*).

1 **coeruleus**

Hoploxys coeruleus Dallas 1851 op. cit. 103; Schouteden 1905

Rh. Aeth. I. 140, Pl. 3. f. 2; and 1907 Gen., Pl. 5. f. 1.

Kongo.

Oechalia.

Oechalia Stål 1862 Stett. E. Z. XXIII. 93; 1865 Hem. Afr. I. 63; and 1870 Svensk. Vet. Handl. 9. no. 1. p. 58; Schouteden 1907 Gen. 75 (type *schellenbergi* = *consocialis*).

Aechalia Blackburn 1888 P. Linn. S. N. S. W. (2) III. 343 (laps. cal.). subgen. (b) *Hawaiiicola* nov. (= *Oechalia aa* Stål 1870), (type *grisea*).

(a) subgen. **typ.**1 **consocialis**

Pentatoma consocialis Boisduval 1835 Voy. Astrol., Ent. II. 630, Pl. 11. f. 9.

P. schellenbergii Guérin 1838 Voy. Coquille, Zool. II. 166, Pl. 11. f. 9.

Rhaphigaster perfectus Walker 1867 Cat. Het. II. 371.

Oechalia schellenbergii Butler 1874 Voy. Erebus and Terror, Ins., Pl. 7. f. 2.

O. consocialis Schouteden 1907 Gen., Pl. 5. f. 12.

O. schellenbergii Hutton 1898 T. N. Zealand Ins. XXX. 169.

Aechalia schellenbergi Froggatt 1902 Agr. Gaz. N. S. W. XIII. 320, Pl. 2. f. 26; 1907 Austral. Ins. 330, Pl. XXXII. f. 11.

§§ Froggatt 1897 Agr. Gaz. N. S. W. VIII. 100—1, Pl. —. f. 2. (*Arma silbellanbergi*!)

§ Froggatt 1907 Austral. Ins. 330 (o etc.).

Foodplants: Vines.

Feeds on larvae of *Phalaenides glycine* [Lep.]; and *Galeruca semipullata* [Col.] (Froggatt).

"Se nourrit des cadavres de divers animaux" (Bergroth 1891 Rev. Ent. X. 202).

W. Australia; S. Queensland; New South Wales; Victoria; New Zealand. [? Philippines].

(b) subgen. **Hawaiiicola.**2 **grisea**

Asopus griseus Burmeister 1834 Nov. Act. Ac. Leop. XVI. Suppl. 293.

Arma patruelis Stål 1859 Eugen. Resa, Ins. 220.

A. pacifica Stål 1859 op. cit. 221.

Oechalia griseus Kirkaldy 1902 Faun. Haw. III. 171, Pl. V. figs. 47—48.

O. grisea Swezey 1905 Bull. H. S. P. A. Ent. I., Pl. 17 (not 18!) figs. 5—6; Kirkaldy 1907 P. Haw. E. S. I. 138 a. 141.

§§ Swezey 1905 l. c. f. 7 (n.).

§§ Kirkaldy 1907 op. cit. 141—43, fig. 1 (o—a).

Foodplants: *Aleurites triloba*; Filices *Myoporum* and many others.

Feeds on larvae of *Omiodes accepta*, *Scotorythra rara* [Lep.] (Kirkaldy); nymphs of *Perkinsiella saccharicida* [Hem.] (Swezey).

Hawaiian Isles.

3 sp—?

Hawaiian Isles.

Oechalia sp? Kirkaldy 1907 P. Haw. E. S. I. 141.

§ Kirkaldy l. c. (o).

Foodplant: Filices.

(Probably carnivorous).

Cermatulus.Dallas 1851 List 77 a. 106; Stål 1865 Hem. Afr. I. 63; Schouteden 1907 Gen. 66.
(type *nasalis*).1 **nasalis**New South Wales;
Victoria; Tasmania;
New Zealand.
[Brazil in error].*Aelia nasalis* [Westwood] 1837 Cat. Hope I. 32.*Asopus nummularis* Erichson 1842 Arch. Nat. VIII. 276.*A. nummularis* H-S. 1844 Wanz. VII. 114, f. 776. (as n. sp.).*Cermatulus nasalis* Dallas 1851 List, Pl. 2. f. 3; Butler 1874
Voy. Erebus and Terror, Pl. 7. f. 4; Hudson Man. N.
Z. Ent., Pl. 20. f. 3; Hutton 1897 T. N. Zeal. Inst. XXX.
170; Froggatt 1902 Agr. Gaz. N. S. W. XIII. 320, Pl. 2.
f. 28; Schouteden 1907 Gen., Pl. 5. f. 6.*Asopus binotatus* Walker 1867 Cat. Het. I. 144.*Rhaphigaster pentatomoides* Walker 1867 op. cit. II. 370.Feeds on larvae of Butterflies¹).2 **pulcher**

Papua.

Cermatulus pulcher Tryon 1892 op. cit. 15.**Martinia.**Schouteden 1907 A. S. E. Belg. LI. 49; and Gen. 66 (type *inexpectata*).1 **inexpectata**

Tibet.

Martinia inexpectata Schouteden 1907 A. S. E. Belg. LI. 50;
and Gen., Pl. 5. f. 5.**Parealda.**Schouteden 1907 A. S. E. Belg. LI. 47; and Gen. 65 (type *bouvieri*).1 **bouvieri**

Marianas Isl.

Parealda bouvieri Schouteden 1907 A. S. E. Belg. LI. 48; and
Gen., Pl. 5. f. 3.**Ealda.**Walker 1867 Cat. Het. II. 409; Distant 1900 A. M. N. H. (7) VI. 56; Schouteden
1907 Gen. 64.1 **minax**

New Caledonia.

Ealda minax Walker 1867 l. c.; Schouteden 1907 op. cit.,
Pl. 5. figs. 2 a. 14²).**Dinorhynchus.***Dinorhynchus* Jakovlev 1876 Bull. S. N. Moscou L. 107; Schouteden 1907 Gen. 63
(type *dybowskyi*).*Neoglypsus* Distant 1881 A. M. N. H. (5) VIII. 27 (type *viridicatus* = *dybowskyi*).*Dinorhynchus* Scudder 1882 Nom. Zool. II. 99. ("emend.")1 **dybowskyi**Siberia; Askold Isl.
(in Japanese Sea);
Japan.*Dinorhynchus dybowskyi* Jakovlev 1876 op. cit. 109; Schouteden
1907 op. cit., Pl. 5. f. 4.*Neoglypsus viridicatus* Distant 1881 l. c.2 **opulentus**

China (Chang Yang).

Neoglypsus opulentus Distant 1890 Entom. XXIII. 159.¹ label on specimen in my collection.² not Pl. 2. f. 5 a. 14, as in the text,

Glypsus.

Glypsus Dallas 1851 List 76 a. 93; Stål 1865 Hem. Afr. I. 63 (type *moesta* = *conspicius*)¹).

Glypsus subg. *Paraglypsus* Schouteden 1907 Gen. 31 (same type).

subgen. (b) *Epiglypsus* Schouteden l. c. 31 (type *truculentus*).

subgen. (c) *Cataglypsus* nom. nov. (type *bouvieri*) = *Glypsus* Schouteden 1905 Rh. Aeth. I. 193; 1907 Gen. 30.

(a) subgen. **typ.****1 conspicuus**

Aelia conspicua [Westwood] 1837 Cat. Hope I. 33.

Glypsus pictiventris Stål 1853 O. V. A. F. X. 213.

G. conspicuus Stål 1865 Hem. Afr. I. 64; Schouteden 1905 Rh. Aeth. I. 204. f. 58.

var. (b) *moesta*

Edessa moesta Germar 1837 Silb. Rev. Ent. V. 161.

Asopus moestus H-S. 1844 Wanz. VII. 121, f. 778.

Glypsus do. Stål 1865 Hem. Afr. I. 63.

G. conspicuus var. *moestus* Schouteden 1905 Rh. Aeth. I. 206, f. 59.

Cape Colony; Transvaal; Mashonaland; Nyasaland; Kongo; Mozambique; Zanzibar; German E. Africa.

2 erubescens

Glypsus erubescens Distant 1890 C. R. S. E. Belg. XXXIV. p. LV.

Kongo; Nigeria.

3 sparsus

Aelia sparsa [Westwood] 1837 l. c.

A. assimilis [Westwood] l. c.

Glypsus sparsus Distant 1900 P. Zool. S. London 817, Pl. 53. f. 5; Schouteden 1905 op. cit. 203.

Sierra Leone.

(b) subgen. **Epiglypsus.****4 truculentus**

Glypsus truculentus Walker 1867 op. cit. 132; Schouteden 1905 op. cit. 201, f. 57; and 1907 Gen., Pl. 2. f. 3.

Madagascar.

(c) subgen. **Cataglypsus.****5 bouvieri**

Glypsus bouvieri Schouteden 1904 A. S. E. Belg. XLVIII. 140; and 1905 Rh. Aeth. I. 194, Pl. IV. f. 10.

(= *G. vigil*? Dallas, not descr.)

Kongo; Dahomey.

6 carinulatus

Glypsus carinulatus Bergroth 1904 *Rev. Russe Ent.* Русск. Эн.т. Обозр. IV. 32; Schouteden 1905 op. cit. 198, f. 55.

E. Sudân.

7 fuscispinus

Glypsus fuscispinus Stål 1870 Svensk. Vet. Handl. 9. no. 1. p. 47; Distant 1902 Faun. Ind. Rh. I. 251; Schouteden 1905 op. cit. 200, f. 56.

German E. Africa. [India in error?]

8 kuhlkatzi

Glypsus kuhlkatzi Schouteden 1904 A. S. E. Belg. XLVIII. 141; and 1905 Rh. Aeth. I. 196, f. 54.

Abyssinia; German E. Africa; Kongo.

9 vigil

Asopus vigil Germar 1837 op. cit. 185.

Glypsus do. Schouteden 1905 l. c.

Cape Colony; Kongo.

Blachia.

Blachia Walker 1867 Cat. Het. I. 117; Schouteden 1907 Gen. 29 (type *ducalis*).

Sesha Distant 1887 T. E. S. London 343 (type *manifesta* = *ducalis*).

1 ducalis

Blachia ducalis Walker 1867 l. c. Distant 1902 Faun. Ind. Rh. I. 247, f. 157; Schouteden 1907 Gen., Pl. 2. f. 7.

N. India; Assam; Burma; Siam;

¹ *G. vigil* was indicated as doubtful by Dallas (List 93); so that it cannot be regarded as the type. *G. javanus* was also queried. Of the three other original species, *luridus* is doubtful, while *moestus* and *conspicius* are the same species. The type may be fixed as *conspicius*.

Cazira coccinelloides Vollenhoven 1868 Faune indo-néerl.

III. 4.

Sesha manifesta Distant 1887 T. E. S. London 343, Pl. XII. f. 2.

Cazira.

Afr.

Amyot et Serville 1843 Hém. 78; Stål 1865 Hem. 1. 62; Schouteden 1907 Gen.

21 (type *verrucosa* Am. et S. = *chiroptera*)¹⁾.

subgen. (b) **Teratocazira** Breddin 1903 Soc. Ent. XVIII. 34 (type *horvathi*).

subgen. (c) **Metacazira** Schouteden 1907 op. cit. 22 (type *verrucosa* Westwood).

(a) subgen. typ.

1 **chiroptera**

Asopus chiropterus H-S. 1840 Wanz. V. 78, f. 523.

Cazira verrucosa Amyot et Serville 1843 Hém. 78, Pl. 3.
f. 8 (not Westwood).

Cazira chiroptera Vollenhoven 1868 Faune indo-néerl. III. 4;
Schouteden 1907 op. cit., Pl. 2. f. 5.

Malacca; Borneo;
Sumatra; Java;
Philippines (Lu-
zon); Lombok.

(b) subgen. **Teratocazira**.

2 **horvathi**

Cazira horvathi Breddin 1903 Soc. Ent. XVIII. 34.

Tonkin.

(c) subgen. **Metacazira**.

3 **bergrothi**

Cazira bergrothi Breddin 1903 op. cit. 33.

Tonkin.

4 **bhoutanica**

Cazira bhoutanica Schouteden 1907 A. S. E. Belg. LI. 39.

India (Bhutan); China
(Kiang-Si).

5 **breddini**

Cazira breddini Schouteden 1907 op. cit. 41.

India (Bhutan).

6 **frivaldszkyi**

Cazira frivaldszkyi Horváth 1889 Termész. füzetek. XII. 33.

C. frivaldszkyi Distant 1902 Faun. Ind. Rh. I. 246.

N. India.

7 **fruhstorferi**

Cazira fruhstorferi Breddin 1901 Abh. Ges. Nat. Halle
XXIV. 59.

C. fruhstorferi Schouteden 1907 Gen. p. 23. ("emend.")

Celebes.

8 **internexa**

Cazira internexa Walker 1867 Cat. Het. I. 118; Atkinson
1888 J. Asiat. S. Bengal LVII(2). 172.

Cambodja.

9 **kirkaldyi**

Cazira kirkaldyi Breddin 1903 Soc. Ent. XVIII. 34.

Sumatra.

10 **montandoni**

Cazira montandoni Breddin 1903 l. c.

Tonkin.

11 **reuteri**

Cazira reuteri Breddin 1903 op. cit. 33.

Tonkin.

12 **similis**

Cazira similis Distant 1902 Faun. Ind. Rh. I. 245.

Assam.

13 **ulcerata**

Asopus ulceratus Burmeister 1835 Handb. Ent. II. 380.

Cazira verrucosa Vollenhoven 1868 op. cit. 3, Pl. I. f. 1 (not
Westwood).

C. strumosa Stål 1870 Svensk. Vet. Handl. 9. no. 1. p. 39.

Sumatra. [?Java.]

14 **thibetensis**

Cazira thibetensis Schouteden 1907 A. S. E. Belg. LI. 42.

Tibet.

¹⁾ Distant wrongly cites *verrucosa* Westwood.

15 **vegeta** nom. nov.

|| *Asopus ulceratus* H-S. 1839 Wanz. IV. 103, f. 452.

Cazira ulcerata Distant 1902 Faun. Ind. Rh. I. 246.

India throughout;
Siam; China (Hong-
kong).

16 **verrucosa**

Pentatoma verrucosa Westwood 1834 Zool. Journ. V. 445,
Pl. XXII. f. 7.

Asopus verrucifer Burmeister 1835 Handb. Ent. II. 380.

Cazira verrucosa Stål 1870 op. cit. 38; Distant 1902 op. cit.
245, f. 156.

India; Assam; Burma;
Tenasserim.

Breddiniella.

Breddiniella Schouteden 1907 A. S. E. Belg. LI. 44; and Gen. 23 (type *insignis*).

Paracazira Schouteden 1907 Gen. 10. (laps. cal.) [sec. auct. in litt.]

1 **insignis**

Breddiniella insignis Schouteden 1907 A. S. E. Belg. LI. 45;
and Gen., Pl. 2. f. 6.

India (Bhutan).

Leptolobus.

Leptolobus Signoret 1855 A. S. E. France 62; Stål 1865 Hem. Afr. I. 72; Karsch
1892 Berlin. E. Z. XXXVII. 483; Schouteden 1905 Rh. Aeth. I. 166; and
1807 Gen. 17 (type *murrayi*).

subgen. (b) **Moyara** Distant 1898 A. M. N. H. (7) II. 314 (type *insignis*).

(a) subgen. **typ.**1 **eburneatus**

Leptolobus eburneatus Karsch 1892 op. cit. 482; Schouteden
1905 Rh. Aeth. I. 168, figs. 42—43.

Kamerun; Kongo.

var. (b) **thoracica**

Leptolobus eburneatus var. *thoracicus* Schouteden 1902 Wien. E. Z.
XXI. 237; and 1905 op. cit. 170, Pl. III. f. 4. and textf. 45.

var. (c) **decipiens** Schouteden 1905 op. cit. 169, f. 44.

2 **martini**

Moyara martini Schouteden 1904 A. S. E. Belg. XLVIII. 138.
Leptolobus do. Schouteden 1905 Rh. Aeth. I. 171, Pl. IV. f. 2.

Uganda.

3 **murrayi**

Leptolobus murrayi Signoret 1855 op. cit. 63, Pl. 7. f. 4;
Stål 1865 l. c.; Schouteden 1905 Rh. Aeth. I. 167.

Guinea; Kamerun.

(b) subgen. **Moyara.**4 **insignis**

Moyara insignis Distant 1898 A. M. N. H. (7) II. 314.
Leptolobus do. Schouteden 1905 op. cit. 172, f. 46.

Nyasaland.

5 **zanzibarius**

Leptolobus zanzibarius Bolívar 1879 A. S. Españ. N. H. VIII.
136; Schouteden 1905 op. cit. 173, f. 47; and 1907 Gen.,
Pl. 1. f. 18.

German E. Africa;
Zanzibar.

Cecyrina.

Walker 1867 Cat. Het. I. 118; Distant 1902 Faun. Ind. Rh. I. 244; Schouteden
1907 Gen. 16 (type *platyrhinoides*).

1 **platyrhinoides**

Cecyrina platyrhinoides Walker 1867 op. cit. 119; Distant
1902 l. c., f. 155; Schouteden 1907 op. cit., Pl. 1. f. 4.

India; Assam; Bhutan.

Stilbotes.

Stål 1871 O. V. A. F. XXVII. 620; Schouteden 1907 Gen. 20 (type *semperi*).

1 **semperi**

Stilbotes semperi Stål 1871 l. c., Pl. VII. f. 1; Schouteden
1907 op. cit., Pl. 1. f. 7.

Philippines.

Colpothyreus.

Stål 1867 op. cit. XXIV. 495; Schouteden 1907 Gen. 15 (type *flavolineatus*).

1 flavolineatus

Bolivia.

Colpothyreus flavolineatus Stål 1867 l. c. (not descr.)

=? *Halys flavolineata* Blanchard 1843 d'Orbigny, Voy. Amér.

Mér. VI. 220, Pl. 30. f. 8¹).

Phyllocheirus.

|| *Heteroscelis* Latreille 1829 Règne Anim. V. 194; Schouteden 1907 Gen. 18 (type *servillii*).

Phyllocheirus Spinola 1837 Essai 306 (new name).

Phyllochirus Amyot et Serville 1843 Hém. 80; Stål 1867 O. V. A. F. XXIV. 496 ("emend.").

Phyllorcherius (!) Spinola 1850 Mem. Soc. ital. Modena XXV. 30.

Agerrus Stål 1858 O. V. A. F. XV. 434 (type *remipes* = *servillii*).

Bodetria Walker 1867 Cat. Het. I. 119 (type *brenthoides*).

1 brenthoides

Brazil; Perú.

Bodetria brenthoides Walker 1867 l. c.

Heteroscelis brenthoides Schouteden 1907 op. cit., Pl. 1. f. 5.

2 servillii

Fr. and D. Guiana;

Brazil.

Heteroscelis servillii Laporte 1833 Essai 86.

Phyllochirus servillei Amyot et Serville 1843 Hém. 81.

Agerrus remipes Stål 1858 l. c.

Bodetria chrysochlora Walker 1868 op. cit. III. 528.

B. indecora Walker l. c.

Heterosceloides.

Schouteden 1907 Gen. 10 a. 19 (type *lepida*).

1 bimaculata

Brazil (Rio de Janeiro).

Platynopus bimaculatus Walker 1867 op. cit. I. 124.

2 lepida

Mexico; Fr. Guiana.

Phyllochirus lepidus Stål 1862 Stett. E. Z. XXIII. 93.

Bodetria scutellaris Walker 1868 op. cit. 529.

Heteroscelis lepida Distant 1880 B. C. A. Het. I., Pl. 3. f. 21.

Heterosceloides do. Schouteden 1907 op. cit., Pl. 1. f. 6.

Stiretrus.

Stiretrus Laporte 1832 Essai 67 a. 75; H-S. 1839 Wanz. V. 23; Stål 1867 O. V. A. F. XXIV. 496; and 1870 Svensk. Vet. Handl. 9. no. 1. p. 22; Schouteden 1907 Gen. 5 a. 6 (type *smaragdulus*).

Stiretrosoma Spinola 1837 Essai 356 (type *erythrocephalus* = *erythrocephalus*).

subgen. (b) **Stictonotus**

Stiretrus subg. || *Stictonotus* Stål 1870 l. c. (type *rugosus*).

S. subgen. || *Stictocoris* Kirkaldy 1904 Entom. XXXVII. 279; Schouteden 1907 Gen. 7 (new name).

S. subgen. || *Stictonotus* Kirkaldy 1905 Wien. E. Z. XXIV. 268 (new name).

subgen. (c) **Oncogaster** Stål 1870 op. cit. 24 (type *coeruleus*).

subgen. (d) **Stiretroides** Schouteden 1907 l. c. (type *latipes*).

(a) subgen. typ.

1 abdominalis

Brazil (Bahia).

Stiretrus abdominalis Germar 1839 Zeitschr. Ent. I. 13.

S. rufiventris G. Fallou 1891 Rev. Ent. X. 6.

2 atricapillus

Stiretrus atricapillus [Westwood] 1837 Cat. Hope. I. 18; Ger-

S. Brazil; Uruguay;
Argentina.

¹) cf. Schouteden op. cit. 16.

mar 1839 op. cit. 18; H-S. 1839 Wanz. V. 4, f. 456;
Stål 1870 op. cit. 23.

- 3 **circumdatatus** *Stiretrosoma circumdata* Spinola 1837 Essai 356. Brazil.
- 4 **coccineus** *Asopus coccineus* H-S. 1838 Wanz. IV. 88, f. 424. Brazil.
- 5 **consors** *Stiretrus consors* Stål 1862 Stett. E. Z. XXIII. 85. Brazil (Bahia).
- 6 **crucifer** *Stiretrus crucifer* Stål 1862 l. c.; Distant 1880 B. C. A. Het. I. 27, Pl. 3. f. 9. Mexico.
- 7 **decacelis** *Stiretrus decacelis* Berg 1883 Ann. S. Cient. Arg. XV. 202 (? 292). Brazil; Argentine.
- 8 **decemguttatus** *Scutellera decemguttata* Lepeletier et Serville 1828 Enc. Méth. X. 410. Brazil (Bahia); Uruguay.
Stiretrus decemguttatus Laporte 1833 Essai, Pl. 55 f. 8; Germar 1839 op. cit. 17; H-S. 1839 Wanz. V. 3, f. 455; Amyot et Serville 1843 Hém. 76; Stål 1870 Svensk Vet. Handl. 9. no. 1. p. 23; Schouteden 1907 Gen., Pl. 1. f. 12.
S. rubromaculatus [Westwood] 1837 l. c.; Germar 1839 l. c.
- 9 **erythrocephalus** *Scutellera erythrocephala* Lepeletier et Serville 1828 l. c. Brazil; Argentine.
Stiretrus erythrocephalus Germar 1839 op. cit. 14; H-S. 1839 op. cit. 5, f. 459.
Stiretrosoma erythrocephala Amyot et Serville 1843 l. c., Pl. 1. f. 2.
- 10 **flavomaculatus** *Asopus decemguttatus* H-S. 1838 Wanz. IV. 87, f. 421 (not Lep. et Serv.). Brazil.
Stiretrus flavomaculatus Stål 1870 op. cit. 26.
- 11 **latipes** *Scutellera latipes* Perty 1833 Del. An. 164, Pl. 33. f. 3. Brazil.
[eupoda on the plate].
Stiretrus eupus Germar 1839 op. cit. 14.
- 12 **lythroides** *Stiretrus lythroides* Germar 1839 l. c., H-S. 1839 Wanz. V. 4, f. 457. Brazil; Argentine.
- 13 **quinquepunctatus** *Stiretrus quinquepunctatus* Germar 1839 op. cit. 20. Hispaniola.
- 14 **signifer** *Stiretrus signifer* Berg 1891 op. cit. XXXII. 231. Argentine.
- 15 **smaragdulus** *Scutellera smaragdula* Lepeletier et Serville 1828 l. c. Brazil [? Mexico]; Uruguay; Argentine.
Stiretrus smaragdulus Germar 1839 op. cit. 11; H-S. 1839 op. cit. 25; Amyot et Serville 1843 op. cit. 75; Stål 1870 op. cit. 22.
Asopus chrysoprasinus H-S. 1838 Wanz. IV. 88, f. 423.
var. (b) **chalybea**
Asopus chalybeus H-S. 1836 Wanz. III. 68, f. 283.
Stiretrus chalybaeus (!) H-S. 1839 Wanz. V. 24.
- 16 **splendidus** *Stiretrus splendidus* Berg 1891 op. cit. 174. N. Argentine.

17 **trilineatus**

Stiretrus trilineatus Germar 1839 op. cit. 15; H-S. 1839 Wanz. V. 5, f. 458.

Brazil.

18 **uniformis**

Stiretrus uniformis Berg 1891 op. cit. 175.

Argentina.

(b) subgen. **Stictonotion**.19 **decastigma**^{us}

Asopus decastigma H-S. 1838 Wanz. IV. 87, f. 422.

Stiretrus septemguttatus Germar 1839 op. cit. 17, Pl. 1. f. 5.; Schouteden 1907 Gen., Pl. 1. f. 13.

§ Berg 1879 Hem. Arg. 31 (n.).

Brazil; Bolivia; Paraguay; Argentina.

20 **rugosus**

Stiretrus rugosus Germar 1839 op. cit. 12; H-S. 1839 op. cit. 25, f. 478.

Brazil.

(c) subgen. **Oncogaster**.21 **anchorago**

Cimex anchorago Fabricius 1775 Syst. Ent. 699.

Tetyra diana Fabricius 1803 Syst. Rh. 137.

Asopus do. Burmeister 1835 Handb. Ent. II. 381.

Pentatoma anchorago [Westwood] 1837 Cat. Hope I. 42 (as sp. nov.).

Stiretrus diana Germar 1839 op. cit. 19; H-S. 1839 Wanz. V. 3, f. 454.

S. anchorago Stål 1870 op. cit. 24; Uhler 1876 Bull. U. S. Geol. Surv. II. 281; Distant 1880 B. C. A. Het. I. 28, Pl. 1. figs. 14—15; Van Duzee 1904 T. Amer. E. S. XXX. 63; Schouteden 1907 Gen., Pl. 1. f. 3.

United States; Mexico; Br. Honduras; Guatemala; Costa Rica; Panama.

var. (b) **fimbriata**

Tetira fimbriata Say 1828 Amer. Ent. 93, Pl. 43. f. 1; and 1859 Compl. Writ. I. 93, Pl. 43. f. 1.

Stiretrus anchorago var. *fimbriatus* Uhler 1876 l. c., Pl. XIX. f. 5.

var. (c) **pulchella**

Pentatoma pulchella [Westwood] 1837 l. c.

var. (d) **variegata**

Asopus variegatus H-S. 1838 Wanz. IV. 90, f. 427.

var. (e) **personata**

Stiretrus personatus Germar 1839 op. cit. 16.

S. ornatus Dallas 1851 List 80.

var. (f) **violacea**

Tetyra violacea Say 1828 Amer. Ent. Pl. 43. f. 2; and 1859 Compl. Writ. I. Pl. 43. f. 2.

Stiretrus violaceus Germar 1839 op. cit. 12; Amyot et Serville 1843 Hém. 76, Pl. 1. f. 1.

§ Glover 1876 Rep. Comm. Agr. U. S. for 1875, p. 118, f. 10—11.

§ Uhler 1878 P. Boston Soc. N. H. XIX. 369.

Feeds on larvae of *Papilio asterias* [Lep.] and of *Leptinotarsa decemlineata* and *Epilachna borealis* [Col.] (Glover); of *Galeruca* [Col.] (Uhler).

Foodplants: *Asclepias pulchra*; *Rhus glabra*.

22 **annulatus**

Stiretrus annulatus Distant 1889 B. C. A. Het. I. 317, Pl. 30. f. 13.

Mexico.

23 **caeruleus**

Stiretrus caeruleus Dallas 1851 List 79; Stål 1862 Stett. E. Z. XXIII. 85; Distant 1880 B. C. A. Het. I. 27, Pl. 3. f. 10.

Mexico; Guatemala; Panama.

- 24 **cinctellus**
Stiretrus cinctellus Germar 1839 op. cit. 18. Brazil.
- 25 **flavipes**
Stiretrus flavipes Stål 1862 l. c.; Distant 1880 op. cit., Pl. 3. f. 11. Mexico; Guatemala.
- 26 **nigritarsis**
Stiretrus nigritarsis Stål 1870 Svensk. Vet. Handl. 9. no. 1. p. 24. Mexico.
- 27 **ruficeps**
Stiretrus ruficeps Dallas 1851 l. c.; Distant 1880 op. cit. 27, Pl. 3. f. 12. Mexico; Honduras.

(d) subgen. *Stiretroides*.

- 28 **bifrenatus**
Stiretrus bifrenatus Breddin 1906 Wien. Ent. Z. XXV. 194. Ecuador.
- 29 **loratus**
Stiretrus loratus Germar 1839 op. cit. 15, Pl. 1. f. 8; Schouteden 1907 Gen., Pl. 1. f. 2. Brazil; Uruguay.

Discocera.

- Discocera* Laporte 1832 Essai 67 a. 72; Stål 1867 O. V. A. F. XXIV. 496; Schouteden 1907 Gen. 5 (type *cayennensis*).
- Asopus* Burmeister 1834 Silb. Rev. Ent. I. p. 19 (type *gibbus* = *cayennensis*)¹.
- 1 **cayennensis**
Discocera cayennensis Laporte 1832 Essai 72, Pl. 55. f. 4; Blanchard 1840 Hist. Nat. Hém. 154. French Guiana.
Asopus gibbus Burmeister 1834 op. cit., fig.; and 1835 Handb. Ent. II. 381.
Stiretrus do. Germar 1839 Zeitschr. Ent. I. 12.
- 2 **coccinea**
Cimex coccineus Fabricius 1798 Ent. Syst. Suppl. 530. Brazil; Isle de France (off Fr. Guiana).
Stiretrus do. Germar 1839 op. cit. 18.
S. laticornis Blanchard 1843 d'Orbigny, Voy. Amér. Mér. VI. 220, Pl. 30. f. 9.
- 3 **ochrocyanea**
— Stoll Pun. f. 92. Br., Fr. and Dutch Guiana; N. Brazil.
Scutellera ochrocyanea Lepeletier et Serville 1828 Enc. Méth. X. 411; Perty 1832 Del. An. 65, Pl. 33. f. 4.
Asopus ochrocyaneus Burmeister 1835 Handb. Ent. II. 381.
Discocera ochrocyanea Germar 1839 op. cit. 17; Amyot et Serville 1843 Hém. 77, Pl. 1. f. 3; Van Duzee 1901 T. Amer. E. S. XXVII. 346; Schouteden 1907 Gen., Pl. 1. f. 1.

Cimicinae of doubtful position.

- 1 *Acanthidium armigerum* Montrouzier 1858 A. S. Linn. Lyon 253. New Caledonia.
Foodplant: *Melaleuca leucodendron*.
- 2 *Arma abbreviata* Motschulsky 1866 Bull. S. N. Moscou XLIX. 137. Japan.
- 3 *Arma velata* Walker 1868 Cat. Het. III. 532; Distant 1902 India.
Faun. Ind. Rh. I. 256.
- 4 *Glypsus luridus* Dallas 1851 List 93. Korea.
- 5 *Mormidea decora* Walker 1867 op. cit. II. 256; Distant 1900 Brazil.
A. M. N. H. (7) VI. 60.

¹ cf. Kirkaldy 1900 Entom. XXXIII. 239; *gibbus* may be selected as the type, thus making *Asopus* a synonym of *Discocera*; otherwise it would have ranked as a synonym of *Stiretrus*.

Subfamily 2.

Pentatominae.

- Stål 1872 Svensk. Vet. Handl. 10. no. 4. pp. 12—65. (Enumeration of American forms).
Stål 1876 op. cit. 14. no. 4. pp. 28—115. (Enumeration of Palaeogeic forms).
Dallas 1851 List 131—350; (with tables).
Stål 1865 Hem. Afr. I. 76—219; (table on pp. 76—82 of 48 genera).
Stål 1867 O. V. A. F. XXIV. 501—32; (tables).
Stål 1872 op. cit. XXXIII. 33—39; (table of European genera).

The Pentatominae (as here taken) are cosmopolitan. They are somewhat heterogeneous, but can scarcely be divided by more than tribal characters.

Ten tribes are temporarily employed:

- 1 **Pentatomini**; with the scutellum extended far beyond the frena, and trisegmentate tarsi. In *Compstes*, the tarsi are bisegmentate. The scutellum is generally mediocre, but in *Hoplistodera*, *Aleimocoris*, *Aeschrocoris* and still more in *Eysarcoris* and *Sepontia*, it is very large, reaching the apex of the abdomen in the last-named.
- 2 **Edessini**; with the metasternum greatly elevated, elongately produced before the middle coxae, bilobed anteriorly.
- 3 **Acanthosomini**; differing from some Pentatomini, (in external characters at least), by the tarsi being bisegmentate, by the scutellum generally extending but little beyond the frena, and by the 7th abdominal sternite in the female generally somewhat strongly sinuate medially in front of the genital valves.
- 4 **Aeptini**; antenniferous tubercles remote from the margins of the head, first segment of antennae not reaching the apex of the head; bucculae rounded anteriorly; first segment of labium extending posteriorly as far as the bucculae or beyond, second longer than the two apical segments together; sterna sulcate; ostioles subauriculate.
- 5 **Halyini**; head elongate; labium extending beyond the hind coxae, third segment much longer than the fourth; eyes prominent; antennae far distant from the eyes; abdomen ventrally sulcate.
- 6 **Diemeniini**; abdomen beneath anterolaterally with a transversely strigose or rugose stridulatory vitta.
- 7 **Myrocheini**; diagnosed in detail by Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 52.
- 8 **Sciocorini**; cf. Stål l. c. p. 49.
- 9 **Discocephalini**; I do not possess any examples of this exclusively tropical and sub-tropical American tribe; the only author who has diagnosed it, (and then as a sub-family), is Fieber. The characters he gives do not seem sharply limited and may be due, in part at least, to the dilatation of the head.
- 10 **Graphosomini**; principally characterized by the absent or very short frena, but this does not appear restrictive. The large scutellum is no more a character for subfamily separation than it is in *Eysarcoris* or *Discocera*.

The approximate distribution of these ten tribes is shown below.

Genera	Australasian			Oriental			Ethiopian		Palaearectic		America		Total Species
	Australia	New Zealand	Austro-Malayan	Indo-Malayan	Indo-Chinese	Philippines	Africa	Mascarene	Palaearectic proper	Manchurian	America (excl. Chile)	Chilean-South Patagonia	
Pentatomini . . .	83	3	89	122	167	45	250	50	179	57	372	13	1287
Edessini . . .	—	—	—	—	—	—	—	—	—	—	251	—	251
Acanthosomini . . .	37	4	2	13	28	4	9	1	9	26	9	16	158
Aeptini . . .	6	—	1	—	3	—	6	—	—	—	—	—	15
Halyini . . .	56	—	19	7	23	7	50	16	10	4	34	—	222
Diemeniini . . .	36	1	5	—	1	—	2	1	1	—	1	—	47
Myrocheini . . .	—	—	—	3	8	3	23	1	—	1	—	—	37
Sciocorini . . .	2	—	—	—	5	—	13	2	40	9	—	1	68
Discoccephalini . . .	—	—	—	—	—	—	—	—	—	—	96	—	96
Graphosomini . . .	14	—	1	13	21	2	20	4	71	10	4	—	160

Tribe 1.

Pentatomini.

For tables consult principally Stål 1876 Svensk. Vet. Handl. 14. no. 4. pp. 54—69 for Palaeogeic forms, and Stål 1867 O. V. A. F. XXIV. 524—32 for American forms: also Summers' synopsis of North American forms in Proc. Iowa Ac. Sci. VI. 40—46 (1898). Distant has given an account of the Indo-Sinhalense fauna (Faun. Ind. Rh. I. 148—243), which will be useful for reference on account of the figures, but the generic tables are of little value.

Genera	Australasian			Oriental			Ethiopian		Palaearectic		America		Total Species
	Australia	New Zealand	Austro-Malayan	Indo-Malayan	Indo-Chinese	Philippines	Africa	Mascarene	Palaearectic proper	Manchurian	America (excl. Chile)	Chilean-South Patagonia	
Sephela . . .	—	—	—	—	—	—	2	—	—	—	—	—	2
Drinostia . . .	—	—	—	—	1	—	—	—	—	1	—	—	2
Aenaria . . .	—	—	—	—	—	—	—	—	—	—	—	—	1
Ochrophara . . .	—	—	—	—	2	1	—	—	—	—	—	—	3
Kalula . . .	—	—	—	—	—	—	1	—	—	—	—	—	1
Euaenaria . . .	—	—	—	—	1	—	—	—	—	—	—	—	1
Brachymna . . .	—	—	—	—	1	—	—	—	—	1	—	—	1
Paterculus . . .	—	—	—	1	2	—	—	—	—	—	—	—	3
Castrus . . .	—	—	—	—	—	—	1	—	—	—	—	—	1
Agabotus . . .	—	—	—	—	—	—	1	—	—	—	—	—	1
Anarropa . . .	—	—	—	—	—	—	1	—	—	—	—	—	1
Neodius . . .	1	—	—	4	1	2	2	—	1	—	—	—	11
Parodius . . .	—	—	—	—	1	1	—	—	—	—	—	—	2
Burma . . .	—	—	—	—	1	—	—	—	—	—	—	—	1
Hippotiscus . . .	—	—	—	—	1	—	—	—	—	—	—	—	1
Cephaloplatus . . .	8	—	—	—	—	—	—	—	—	—	—	—	8
Tholosanus . . .	2	—	—	—	—	1	—	—	—	—	—	—	3
Dictyotus . . .	11	1	—	—	—	—	—	—	—	—	—	—	11
Anaxarchus . . .	1	—	1	—	—	—	—	—	—	—	—	—	1
Macromolus . . .	1	—	—	—	—	—	—	—	—	—	—	—	1
Arniscus . . .	1	—	—	—	—	—	—	—	—	—	—	—	1
Eurinome . . .	—	—	4	—	—	1	—	—	—	—	—	—	5
Hyparete . . .	—	—	2	—	—	—	—	—	—	—	—	—	2
Auletrissa . . .	—	—	1	—	—	—	—	—	—	—	—	—	1

[illegible]

Genera	Australasian			Oriental			Ethiopian		Palaearectic		America		Total Species
	Australia	New Zealand	Austro-Malayan	Indo-Malayan	Indo-Chinese	Philippines	Africa	Mascarene	Palaearectic proper	Manchurian	America (excl. Chile)	Chile, South Patagonia	
Adria	—	—	—	—	1	—	2	—	—	—	—	—	2
Diploxys	—	—	—	—	—	—	12	2	—	—	—	—	12
Bonacialis	—	—	—	—	1	—	—	—	—	—	—	—	1
Gulielmus	—	—	—	—	2	—	—	—	—	—	—	—	2
Gastroxys	—	—	—	—	—	—	1	—	—	—	—	—	1
Steleocoris	—	—	—	—	—	—	1	—	—	—	—	—	1
Hypaulacus	—	—	—	—	—	—	1	—	—	—	—	—	1
Curatia	—	—	—	—	—	—	—	—	—	—	1	—	1
Acoloba	—	—	—	—	—	—	2	—	—	—	—	—	2
Scylax	—	—	—	—	2	—	—	—	—	—	—	—	2
Geomorpha	—	—	—	—	—	—	2	—	—	—	—	—	2
Tyoma	—	—	—	—	—	—	3	—	—	—	—	—	3
Aeschrus	—	—	—	—	—	—	1	—	—	—	—	—	1
Aeliomorpha	—	—	—	—	1	—	10	1	—	—	—	—	12
Aeschrocoris	—	—	—	2	3	—	—	—	—	—	—	—	4
Dandinus	1	—	—	—	—	—	—	—	—	—	—	—	1
Lubentius	1	—	—	—	—	—	—	—	—	—	—	—	1
Aelia	—	—	—	—	—	—	—	—	17	1	1	—	18
Neottiglossa	—	—	—	—	—	—	—	—	10	—	3	—	13
Cosmopepla	—	—	—	—	—	—	—	—	—	—	7	—	7
Stagonomus	—	—	—	—	—	—	—	—	5	—	—	—	5
Sepontia	—	—	—	2	2	1	1	—	—	1	—	—	6
Pseudostollia	—	—	—	1	—	—	—	—	—	—	—	—	1
Eysarcoris	1	—	10	13	10	3	3	1	6	9	1	—	50
Hermolaus	—	—	—	—	1	—	—	—	1	—	—	—	2
Gomphocranum	—	—	—	—	—	—	—	—	1	—	—	—	1
Rubiconia	—	—	—	—	—	—	—	—	1	2	—	—	2
Staria	—	—	—	—	—	—	—	—	3	—	—	—	3
Cnephosa	—	—	—	—	—	—	—	—	1	—	—	—	1
Risibia	—	—	—	—	—	—	—	—	2	—	—	—	2
Aspavia	—	—	—	—	—	—	12	3	—	—	—	—	13
Carbula	—	—	—	5	10	—	17	2	1	—	—	—	36
Gynenica	—	—	—	—	1	—	3	—	—	—	—	—	4
Durmia	—	—	—	—	—	—	9	1	—	—	—	—	10
Ilipla	—	—	—	—	—	—	3	—	—	—	—	—	3
Meneles	—	—	—	—	—	—	—	—	—	—	1	—	1
Parentheca	—	—	—	—	—	—	—	—	—	—	2	1	2
Oenopiella	—	—	—	—	—	—	—	—	—	—	2	—	3
Hypatropis	—	—	—	—	—	—	—	—	—	—	4	5	4
Acledra	—	—	—	—	—	—	—	—	—	—	5	—	9
Prionosoma	—	—	—	—	—	—	—	—	—	—	1	—	1
Chroantha	—	—	—	—	—	—	—	—	1	—	—	—	1
Brachynema	—	—	—	—	—	—	—	—	13	—	—	—	13
Cellobius	—	—	—	—	—	—	—	—	2	—	—	—	2
Cyptocephala	—	—	—	—	—	—	—	—	—	—	1	—	1
Thyanta	—	—	—	—	—	—	—	—	—	—	14	2	16
Chlorocoris	—	—	—	—	—	—	—	—	—	—	12	—	12
Loxa	—	—	—	—	—	—	—	—	—	—	7	—	7
Chloropepla	—	—	—	—	—	—	—	—	—	—	1	—	1
Fecelia	—	—	—	—	—	—	—	—	—	—	2	—	2
Agnoscelis	1	—	1	2	2	1	7	1	—	1	—	—	12
Afraniella	—	—	—	—	—	—	1	—	—	—	—	—	1
Afrania	—	—	—	—	—	—	1	—	—	—	—	—	1
Agaeus	—	—	—	1	2	—	2	—	—	—	—	—	5

Genera	Australasian			Oriental			Ethiopian		Palaearectic		America		Total Species
	Australia	New Zealand	Austro Malayan	Indo Malayan	Indochinese	Philippines	Africa	Mascarene	Palaearectic proper	Manchurian	America (excl. Chile)	Chile a. South Patagonia	
Eurydema	1	—	—	1	2	—	—	—	26	4	—	—	27
Aplerotus	1	—	—	—	—	—	—	—	—	—	—	—	1
Stenozygum	3	—	5	—	1	2	9	2	1	—	—	—	23
Murgantia	—	—	—	—	—	—	—	—	—	—	5	—	5
Cinxia	—	—	—	1	1	—	—	—	—	1	—	—	1
Parastrachia	—	—	—	—	—	—	—	—	—	—	—	—	1
Strachia	—	—	—	1	1	—	—	—	—	—	—	—	1
Compsoprepes	—	—	3	—	—	—	—	—	—	—	—	—	3
Bagrada	—	—	—	—	1	—	2	—	7	—	—	—	6
Capnoda	—	—	—	—	—	—	—	—	3	—	—	—	3
Trochiscocoris	—	—	—	—	—	—	—	—	3	—	—	—	3
Dismegistus	—	—	—	—	—	—	4	—	—	—	—	—	4
Arocera	—	—	—	—	—	—	—	—	—	—	19	—	19
Epipedus	—	—	—	—	—	—	—	—	—	—	1	—	1
Runibia	—	—	—	—	—	—	—	—	—	—	6	—	6
Boea	—	—	—	—	—	—	—	—	—	—	4	—	4
Alcimocoris	—	—	1	1	3	1	—	—	—	3	—	—	4
Taurodes	—	—	—	—	—	1	—	—	—	—	—	—	1
Hoplistodera	—	—	—	4	3	1	—	—	—	—	—	—	8
Stachyomia	—	—	—	1	—	1	—	—	—	—	—	—	2
Vulsirea	—	—	—	—	—	—	—	—	—	—	3	—	3
Pharypia	—	—	—	—	—	—	—	—	—	—	6	—	6
Catacanthus	—	—	4	3	4	1	—	1	—	1	—	—	10
Chalcocoris	—	—	—	—	—	—	2	—	—	—	—	—	2
Coquerelia	—	—	—	—	—	—	—	2	—	—	—	—	2
Coquerelidea	—	—	—	—	—	—	—	1	—	—	—	—	1
Levenna	1	—	—	—	—	—	—	—	—	—	—	—	1
Anaxilaus	4	—	1	—	—	—	—	—	—	—	—	—	5
Hyrmine	1	—	1	2	—	—	—	—	—	—	—	—	4
Nezara	1	1	1	4	3	1	25	7	8	6	53	5	98
Atelias	1	—	—	—	—	—	—	—	—	—	1	—	1
Pallantia	—	—	—	—	—	—	—	—	—	—	—	—	1
Sabaeus	—	—	3	3	1	1	—	—	—	—	—	—	7
Anaca	—	—	—	1	3	—	—	—	—	—	—	—	3
Plautia	2	—	5	4	2	1	1	1	—	2	—	—	11
Acrozangis	—	—	—	1	—	—	—	—	—	—	—	—	1
Zangiola	—	—	—	2	—	—	—	—	—	—	—	—	2
Glaucias	2	1	1	2	5	2	4	—	—	—	—	—	14
Amblybelus	—	—	1	—	—	—	—	—	—	—	—	—	1
Diplostira	—	—	—	—	1	—	—	—	—	—	—	—	1
Axiagastus	—	—	1	1	2	1	—	—	—	—	—	—	2
Oncotropis	—	—	—	—	—	1	—	—	—	—	—	—	1
Paracritheus	—	—	—	2	1	1	—	—	—	—	—	—	2
Nessula	—	—	—	1	—	—	—	—	—	—	—	—	1
Critheus	—	—	—	—	1	—	—	—	—	—	—	—	1
Acesines	—	—	—	—	1	—	—	—	—	—	—	—	1
Flaminia	—	—	—	—	—	—	2	—	—	—	—	—	2
Eurysaspis	—	—	—	—	—	—	2	—	—	—	—	—	2
Platacantha	—	—	—	—	—	—	1	—	—	—	—	—	1
Cresphontes	—	—	—	1	1	—	—	—	—	—	—	—	2
Antestia	3	—	7	13	3	3	13	2	—	—	—	—	37
Otantestia	—	—	—	1	2	—	—	—	—	—	—	—	2
Lathraedoeus	—	—	1	—	—	—	—	—	—	—	—	—	1
Apines	1	—	—	—	1	—	—	—	—	—	—	—	2

Genera	Australasian			Oriental			Ethiopian		Palaearectic		America		Total Species
	Australia	New Zealand	Austro-Malayan	Indo-Malayan	Indo-Chinese	Philippines	Africa	Mascarene	Palaearectic proper	Manchurian	America (excl. Chile)	Chile & South Patagonia	
Actuarius	—	—	—	—	—	—	1	—	—	—	—	—	1
Menida	3	—	4	3	11	—	15	—	5	4	—	—	41
Pygomenida	1	—	1	3	1	—	—	—	—	—	—	—	4
Neostrachia	—	—	—	1	—	—	—	—	1	—	—	—	2
Aegaleus	—	—	—	—	—	—	4	—	—	—	—	—	4
Aspideurus	—	—	—	1	—	—	—	—	—	—	—	—	1
Brachycoris	—	—	—	2	1	1	—	—	—	—	—	—	3
Piezodorus	1	—	1	1	1	1	6	1	4	1	3	—	13
Thoreyella	—	—	—	—	—	—	—	—	—	—	5	—	5
Dabessus	—	—	—	—	1	—	—	—	—	—	—	—	1
Dunnius	—	—	—	—	3	—	—	—	1	—	—	—	3
Anchesmus	—	—	—	—	—	—	—	—	1	—	—	—	1
Acrocorisellus	—	—	—	—	—	—	—	—	2	—	—	—	1
Rhaphigaster	—	—	—	—	—	—	—	—	—	1	—	—	2
Ambiorix	—	—	—	—	1	—	—	—	—	—	—	—	1
Anaximenes	—	—	1	—	—	—	—	—	—	—	—	—	1
Aleifron	—	—	1	—	—	—	—	—	—	—	—	—	1
Gadarscama	—	—	—	—	—	—	—	1	—	—	—	—	1
Bathycoelia	—	—	—	—	—	—	6	3	—	—	—	—	9
Gastraulax	—	—	2	—	1	1	—	2	—	—	—	—	6
Degonetus	—	—	—	—	1	—	—	—	—	—	—	—	1
Amblycara	—	—	—	—	1	—	—	—	—	—	—	—	1
Myota	—	—	—	—	—	—	—	—	—	—	1	—	1
Placocoris	—	—	—	—	—	—	—	—	—	—	1	—	1
Tibilis	—	—	—	—	—	—	—	—	—	—	4	—	4
Serdia	—	—	—	—	—	—	—	—	—	—	4	—	4
Phineus	—	—	—	—	—	—	—	—	—	—	1	—	1
Modicia	—	—	—	—	—	—	—	—	—	—	1	—	1
Ocirrhoe	6	—	1	—	—	—	—	—	—	—	—	—	7
Diaphyta	2	—	—	—	—	—	—	—	—	—	—	—	2
Cuspicona	10	—	3	5	1	1	—	—	—	—	—	—	19
Morna	2	—	—	—	—	—	—	—	—	—	—	—	2
Avicenna	1	—	—	—	—	—	—	—	—	—	—	—	1
Pugione	—	—	1	—	—	—	—	—	—	—	—	—	1
Rhynchocoris	—	—	—	4	4	4	—	—	—	—	—	—	9
Vitellus	4	—	8	2	1	—	—	—	—	—	—	—	13
Utana	—	—	—	1	—	—	—	—	—	—	—	—	1
Biprorulus	1	—	—	—	—	—	—	—	—	—	—	—	3
Hoffmansegiella	1	—	1	1	—	—	—	—	—	—	—	—	1
Iphiarusa	—	—	—	—	1	—	—	—	—	—	—	—	4
Pegala	—	—	4	—	—	—	—	—	—	—	—	—	4
Holcogaster	—	—	—	—	—	—	—	—	1	—	—	—	1
Priassus	—	—	—	1	3	—	—	—	—	—	—	—	3
Pentatoma	—	—	—	—	2	—	—	—	5	4	—	—	9
Agathocles	—	—	—	—	1	—	—	—	—	—	—	—	1
Fernelius	—	—	—	—	1	—	—	—	—	—	—	—	1
Sennertus	—	—	—	—	1	—	—	—	—	—	—	—	1
Amyntor	—	—	—	1	1	—	—	—	—	—	—	—	2
Compastes	—	—	—	—	3	—	—	—	—	—	—	—	3
Homalogonia	—	—	—	—	1	—	—	—	1	1	—	—	1
Leovitius	—	—	—	—	1	—	—	—	—	—	—	—	1
Exithemus	—	—	—	—	2	—	—	—	—	—	—	—	2
Araducta	—	—	1	1	—	—	—	—	—	—	—	—	2
Lelia	—	—	—	—	1	—	—	—	1	1	—	—	2

Genera	Australasian			Oriental			Ethiopian		Palaeartic		America		Total Species
	Australia	New Zealand	Austro-Malayan	Indo-Malayan	Indo-Chinese	Philippines	Africa	Mascarene	Palaeartic proper	Manchurian	America (excl. Chile)	Chile & South Patagonia	
<i>Prionaca</i>	—	—	—	1	2	—	—	—	—	—	—	—	3
<i>Placosternum</i>	—	—	1	1	6	—	—	—	—	—	—	—	7
<i>Prinocompastes</i>	—	—	—	3	—	—	—	—	—	—	—	—	3
<i>Amasenus</i>	—	—	—	1	1	—	—	—	—	—	—	—	1
<i>Taurocerus</i>	—	—	—	—	—	—	—	—	—	—	3	—	3
<i>Arvelius</i>	—	—	—	—	—	—	—	—	—	—	1	—	1
<i>Brepholoxa</i>	—	—	—	—	—	—	—	—	—	—	1	—	1
<i>Evoplilus</i>	—	—	—	—	—	—	—	—	—	—	1	—	1
<i>Pharnus</i>	—	—	—	—	—	—	—	—	—	—	2	—	2
<i>Phalaecus</i>	—	—	—	—	—	—	—	—	—	—	2	—	2
<i>Lopadusa</i>	—	—	—	—	—	—	—	—	—	—	1	—	1
<i>Dendrocoris</i>	—	—	—	—	—	—	—	—	—	—	4	—	4
<i>Bothrocoris</i>	—	—	—	—	—	—	—	—	—	—	2	—	2
<i>Brachystethus</i>	—	—	—	—	—	—	—	—	—	—	12	—	12
	83	3	89	122	167	45	250	50	179	57	372	13	1289

Australasian 175; Oriental 334; Ethiopian 300; Palaeartic 236; America 385.

Sephela.

Amyot et Serville 1843 Hém. 123; Fieber 1851 Abh. böhm. G. W. (5) VII. 459; Stål 1865 Hem. Afr. I. 118 (type *linearis*).

1 *linearis*

Sephela linearis Amyot et Serville 1843 Hém. 124, Pl. 12. f. 7; Fieber 1851 op. cit. 460; Stål 1865 l. c.

Senegal; Nigeria; Kamerun.

2 *morosa*

Sephela morosa Gerstäcker 1892 Jb. Hamb. Wiss. Anst. IX. (2) p. 45.

German East Africa.

Drinostia.

Stål 1861 Stett. E. Z. XXII. 143 (type *planiceps*).

1 *fissiceps*

Drinostia fissiceps Stål 1865 A. S. E. France (4) V. 168.

N. China.

2 *planiceps*

Drinostia planiceps Stål 1861 Stett. E. Z. XXII. 143.

China (Hongkong).

Aenaria.

Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 55 a. 70; Bergroth 1906 Wien. E. Z. XXV. 2 (type *lewisi*).

1 *lewisi*

Drinostia lewisi Scott 1874 A. M. N. H. (4) XIV. 296.

Aenaria do. Distant 1899 A. M. N. H. (7) IV. 432.

§§ [Anon.] 1904 Abstr. of Bull. 30 Imp. Agr. Sta. Japan.

Pl. 1. (metam.) cf. Kirkaldy 1907 Entom. XL. 203.

Foodplant: *Oryza sativa*.

Japan.

Ochrophara.

Stål 1871 O. V. A. F. XXVII. 626 (type *emarginata*).

1 *corinna*

Pentatoma (?) *corinna* W. F. Kirby 1891 J. Linn. S. London, Zool. XXIV. 84, Pl. 10. f. 2.

Ochrophara do. Distant 1902 Faun. Ind. Rh. I. 146, f. 87.

Ceylon.

2 **emarginata***Ochrophara emarginata* Stål 1871 l. c.

Philippines.

3 **montana***Ochrophara montana* Distant 1900 T. E. S. London 165; and 1902 Faun. Ind. Rh. 147.

India; Assam; Burma.

§ Distant l. c. (damage).

Foodplant: *Dendrocalamus strictus*; *Bambusa*.**Kalula.**Distant 1900 P. Zool. S. London 809 (type *varicornis*).1 **varicornis***Aelia varicornis* [Westwood] 1837 Cat. Hope. I. 33.

Gambia.

Kalula do. Distant 1900 op. cit. 810, Pl. LII. f. 4.**Euaenaria.**Breddin 1904 Wien. E. Z. XXIII. 2 (type *jucunda*).1 **jucunda***Euaenaria jucunda* Breddin 1904 l. c.

Tonking.

Brachymna.*Brachymna* Stål 1861 Stett. E. Z. XXII. 142; and 1867 O. V. A. F. XXIV. 506 (type *tenuis*).*Balsa* Walker 1867 Cat. Het. II. 410 (type *extenuata* = *tenuis*).1 **tenuis***Brachymna tenuis* Stål 1861 Stett. E. Z. XXII. 142.

China (Hongkong and N. China).

Balsa extenuata Walker l. c.**Paterculus.**Distant 1902 Faun. Ind. Rh. I. 225 a. 233 (type *affinis*).1 **affinis***Plexippus affinis* Distant 1900 A. M. N. H. (7) V. 387.

N. India; Assam;

Paterculus do. Distant 1902 Faun. Ind. Rh. I. 233, f. 147.

China (W. Yunnan).

2 **conspersus***Paterculus conspersus* Distant 1903 Fasc. Mal. I. 236, Pl. XV. f. 1.

Malay Peninsula.

3 **vittatus***Plexippus vittatus* Distant 1901 T. E. S. London 109.

Burma.

Paterculus do. Distant 1902 Faun. Ind. Rh. 234.**Caystrus.**Stål 1861 O. V. A. F. XVIII. 199; and 1865 Hem. Afr. I. 116 (type *marginiventris*).1 **marginiventris***Paramecus marginiventris* Stål 1858 O. V. A. F. XV. 435.

Guinea; Calabar.

Caystrus do. Stål 1865 Hem. Afr. I. 117.**Agabotus.**Distant 1884 P. Zool. S. London 459 (type *brunnescens*).1 **brunnescens***Agabotus brunnescens* Distant 1884 op. cit. 460.

Nigeria.

Anarropa.Gerstaecker 1873 Deeken's Reise Ost-Afrika, III. 397 (type *trivialis*).1 **trivialis***Anarropa trivialis* Gerstaecker 1873 op. cit. 398, Pl. 17. f. 1.

Zanzibar.

Neodius.

- || *Odius* Stål 1867 O. V. A. F. XVIII. 503; and 1876 Svensk. Vet. Handl. 14. no. 4.
p. 70 (type *pallidolimbatus*).⁵
Neodius Bergroth 1891 Rev. Ent. X. 214 (new name).
- 1 **aethiopicus** Nigeria.
Neodius aethiopicus Distant 1903 A. M. N. H. (7) XII. 469.
- 2 **angulatus** ^{transf. 4 Myrocheilus p. 207} Nigeria.
Neodius angulatus Distant 1903 op. cit. 470.
- 3 **depressus** Sumatra; Borneo.
Eurydema depressa Ellenrieder 1862 Nat. Tijdschr. Ned. Ind.
XXIV. 152, Pl. IV. f. 21.
Neodius depressus Breddin 1900 Stett. E. Z. LXI. 291.
Foodplants: *Graminaceae*.
- 4 **dohrni** Sumatra.
Neodius dohrni Breddin 1900 op. cit. 294.
- 5 **ellenriederi** Sumatra; Java.
Neodius ellenriederi Breddin 1900 op. cit. 292.
- 6 **langei** Syria.
Neodius langei Breddin 1899 Rev. Ent. XVIII. 80.
- 7 **latus** Philippines.
Odius latus Stål 1871 O. V. A. F. XXVII. 624.
- 8 **obscurus** Burma.
Odius obscurus Distant 1901 T. E. S. London 108; and 1902
Faun. Ind. Rh. I. 131, f. 72.
- 9 **pallidolimbatus** Queensland.
Odius pallidolimbatus Stål 1869 Berlin. E. Z. XIII. 226.
- 10 **pallipes** Philippines¹⁾.
Odius pallipes Stål 1871 O. V. A. F. XXVII. 624.
- 11 **schultheissi** Sumatra.
Neodius schultheissi Breddin 1900 Stett. E. Z. LXI. 295.

Parodius.

Distant 1900 T. E. S. London 166 (type *typicus*).

- 1 **mouhoti** Cambodja.
Parodius mouhoti Distant 1900 op. cit. 167, Pl. 2. f. 6.
- 2 **typicus** Philippines (Luzon).
Parodius typicus Distant 1900 l. c., Pl. 2. f. 5.

Burma.

- || *Paramecus* Fieber 1851 Abh. böhm. G. W. (5) VII. 458 (type *ruficornis*).
Burma Kirkaldy 1904 Entom. XXXVII. 280 (new name).
- 1 **ruficornis** Burma.
Paramecus ruficornis Fieber 1851 op. cit. 459; Distant 1902
Faun. Ind. Rh. I. 148.

Dunnings Hippotiscus.

- || *Plexippus* Stål 1867 O. V. A. F. XVIII. 505 (type *dorsalis*).
|| *Hippota* Bergroth 1891 Rev. Ent. X. 214 (new name).
Hippotiscus Bergroth 1906 Wien. E. Z. XXV. 2 (new name).
- 1 **dorsalis** India (Dekkan).
Plexippus dorsalis Stål 1869 Berlin. E. Z. XIII. 226.
Hippota do. Distant 1902 Faun. Ind. Rh. I. 132, f. 73.

¹⁾ By a *laps. cal.* Stål cites in the "Enumeratio", Australia as the locality for this, Lethierry and Severin copying him.

Cephaloplatys.*Cephaloplatys* A. White 1842 T. E. S. London III. 91 (type *pertyi*).*Cephaloplatys* Stål 1867 O. V. A. F. XXIV. 506 ("emend.").

- 1 **australis** N. W. Australia.
Cephaloplatys australis Dallas 1851 List 148.
- 2 **elongatus** N. W. Australia.
Cephaloplatys elongatus Distant 1899 A. M. N. H. (7) IV. 433.
- 3 **fasciatus** Queensland; New
Cephaloplatys fasciatus Distant 1881 T. E. S. London 212. South Wales.
- 4 **granulatus** Queensland.
Cephaloplatys granulatus Bergroth 1895 P. Victoria Soc. VII. 288.
- 5 **pallipes** — ?
Cephaloplatys pallipes Walker 1868 Cat. Het. III. 541.
- 6 **pertyi** N. W. Australia.
Dryptocephalus (?) *pertyi* A. White 1842 T. E. S. London III. 90.
- 7 **reticulatus** Queensland.
Cephaloplatys reticulatus Bergroth 1895 l. c.
- 8 **spurcatus** "N. Australia";
Cephaloplatys spurcatus Walker 1867 p. cit. I. 191. Murray Is.; New
Cephaloplatys do. Van Duzee 1905 Bull. Amer. Mus. XXI. 201. South Wales.

Tholosanus.Distant 1899 A. M. N. H. (7) IV. 432 (type *proximus*!).

- ? 1 **colligatus** S. Australia.
Pentatoma colligata Walker 1867 op. cit. 310.
Tholosanus? *colligatus* Distant 1900 A. M. N. H. (7) V. 387.
- 2 **philippinensis** Philippines.
Sciocoris philippinensis Dallas 1851 List 134.
- 3 **proximus** New South Wales;
Sciocoris proximus Dallas 1851 l. c. Victoria.
Pentatoma laticeps Walker 1867 Cat. Het. II, 308.
Dictyotus do. Van Duzee 1905 op. cit. 203.

Dictyotus.Dallas 1851 List 131 a. 139; Stål 1867 O. V. A. F. XXIV. 505 (type *affinis*! = *roei*).

- 1 **aequalis** Victoria; S. Australia
Pentatoma aequalis Walker 1867 Cat. Het. II. 310.
Dictyotus do. Van Duzee 1905 op. cit. 202.
- 2 **bipunctatus** Australia. (Ka-
Dictyotus bipunctatus Dallas 1851 op. cit. 140; Van Duzee rabba = ?)
 1905 l. c.
- 3 **caenosus** New South Wales;
Pentatoma caenosa [Westwood] 1837 Cat. Hope I. 42. Victoria; S. Australia;
P. vilis Walker 1867 op. cit. 309. Tasmania; New
P. tibialis Walker l. c. Zealand.
Dictyotus polysticticus Butler 1874 Zool. Voy. Erebus and
 Terror, Ins. 26, Pl. VII. f. 5; Hutton 1898 T. N. Zealand Inst. XXX. 170.
D. caenosus Van Duzee 1905 op. cit. 201.
- 4 **inconspicuus** W. Australia (King
Dictyotus inconspicuus Dallas 1851 List 141. George's Sound).
- 5 **incultus** Tasmania.
Cimex incultus Erichson 1842 Arch. VIII. 277.
- 6 ? **pallidus** New South Wales.
Dictyotus ? *pallidus* Van Duzee 1905 op. cit. 203; Pl. VIII. f. 6.

- 7 **pallipes** — ?
Pentatoma pallipes [Westwood] 1837 op. cit. 41.
Dictyotus do. Distant 1900 P. Z. S. London 810, Pl. 52. f. 9.
- 8 **plebejus** New South Wales
Dictyotus plebejus Stål 1859 Eugenie's Resa, Ins. 223; Froggatt
 1907 Austral. Ins. 329. ["wide range over Eastern Australia"].
 Found under stones, dry cowdung, or dead logs (Froggatt).
- 9 **roei** W. Australia.
Pentatoma roei [Westwood] l. c. 42.
Dictyotus affinis Dallas 1851 l. c.
D. roei Van Duzee 1904 op. cit. 202.
- 10 **rugulosus** New South Wales.
Dictyotus rugulosus Horváth 1902 Term. füz. XXV. 602.
- 11 **scissicollis** "Australia."
Pentatoma scissicollis H-S. 1844 Wanz. VII. 105, f. 770.
Dictyotus scissicollis (?) Leth. et Serv. 1893 Cat. Hém. I. 113.
- 12 **tasmanicus** Tasmania.
Dictyotus tasmanicus Dallas 1851 op. cit. 140.

Anaxarchus.

- Stål 1876 Svensk. Vet. Handl. 14. no. 4. pp. 56 a. 72 (type *pardalinus* = *reyi*).
- 1 **reyi** New Caledonia;
Pentatoma reyi Montrouzier 1858 A. S. Linn. Lyon (2) V. 248. Queensland.
Anaxarchus pardalinus Stål 1876 op. cit. 72.
A. reyi Schouteden 1907 A. S. E. Belg. LI. 109.

Macromolus.

- Dallas 1851 List 193 a. 200 (type *nervosus*).
- 1 **nervosus** "Australia."
Macromolus nervosus Dallas op. cit. 200, Pl. 7. f. 5.

Arniscus.

- Distant 1899 A. M. N. H. (7) IV. 435 (type *humeralis*).
- 1 **humeralis** W. Australia.
Sciocoris humeralis Dallas 1851 op. cit. 135.

Eurinome.

- Stål 1867 O. V. A. F. XXIV. 516 (type *inconspicua*).
- 1 **armata** Papua.
Eurinome armata Breddin 1904 Wien. E. Z. XXIII. 4.
- 2 **basiventris** New Caledonia.
Pentatoma inconspicua Montrouzier 1858 op. cit. 249.
P. basiventris Signoret 1861 A. S. E. France (4) I. 63.
P. circumdata Walker 1867 Cat. Het. II. 307.
Eurinome basiventris Schouteden 1907 A. S. E. Belg. LI. 109.
 "herbes; à terre sous les végétaux en décomposition"
 (Montrouzier).
- 3 **fasciaticollis** Philippines.
Eurinome fasciaticollis Stål 1871 op. cit. XXVII. 627.
- 4 **laeta** Ternate.
Eurinome laeta Breddin 1900 Abh. Senck. Ges. Frankf. XXV. 142.
- 5 **submarginalis** Papua.
Pentatoma marginalis Walker 1867 op. cit. 306.
P. submarginalis Tryon 1892 Ann. Queensland Mus. II. 16.
Eurinome marginalis Distant 1900 op. cit. V. 388.

Hyparete.Stål 1867 O. V. A. F. XXIV. 516 (type *boitardi*).**1 boitardi***Pentatoma boitardi* Montrouzier 1861 A. S. E. France (4) I. 64.*Cappaea* do. Stål 1865 A. S. E. France (4) V. 170.*Hyparete* do. Schouteden 1907 A. S. E. Belg. LI. 110.

New Caledonia.

2 vitiensis*Hyparete vitiensis* Distant 1901 T. E. S. London 585.

Fiji.

Auletrissa.*Auletris* Breddin 1899 Beih. Jb. Hamb. Wiss. Anst. XVI (2). 160 (type *proletaria*).*Auletrissa* Breddin 1900 Deutsch. E. Z. 185. (new name).**1 proletaria***Auletris proletaria* Breddin 1899 Beih. cit. 161, f. 1.

Lombok.

Mormidella.Horváth 1889 Termész. füzet. XII. 30 (type *pauli*).**1 pauli***Mormidella pauli* Horváth l. c.; Distant 1902 Faun. Ind. Rh.

I. 150, f. 89.

Kashmir.

Niphe.

Stål 1867 O. V. A. F. XXIV. 516; and 1876 Svensk. Vet. Handl. 14. no. 4. p. 73;

Bergroth 1906 Wien. E. Z. XXV. 2 (type *cephalus*).**1 aethiopica***Niphe aethiopica* Bergroth 1893 Ent. Mo. Mag. (2) IV. 61.

Assinia;

French Kongo.

2 ? assimulans*Aenaria assimulans* Distant 1883 T. E. S. London 421, Pl. 19.

f. 4; and 1889 A. M. N. H. (7) IV. 432.

Japan.

3 elongata*Pentatoma elongata* Dallas 1851 List 246.*Niphe* do. 1871 O. V. A. F. XXVII. 625; Stål 1876 l. c.*Aenaria* do. Distant 1902 Faun. Ind. Rh. I. 141, f. 82.

N. India; Tenasserim;

Burma; Philippines.

4 praecursor*Niphe praecursor* Breddin 1901 Abh. Naturf. Ges. Halle.

XXIV. 42.

Celebes.

5 subferruginea*Pentatoma subferruginea* [Westwood] 1837 Cat. Hope I. 35.*P. cephalus* Dallas 1851 op. cit. 245.*P. lateralis* Walker 1867 Cat. Het. II. 301.*Niphe subferruginea* Distant 1902 Faun. Ind. Rh. I. 151, f. 90.

India; Assam; Burma;

Siam; Java.

6 vittiventris*Niphe vittiventris* Stål 1871 O. V. A. F. XXVII. 625;

Distant 1902 l. c.

Philippines; India.

~~*Lagynotomus*~~**Oncinoproctus.**Breddin 1904 Wien. E. Z. XXIII. 5 (type *griseolus*).**1 griseolus***Oncinoproctus griseolus* Breddin l. c.

N. India.

Hymenomaga.Karsch 1892 Ent. Nachr. XVIII. 130 (type *formosa*).**1 formosa***Tropicorypha formosa* Distant 1881 P. Zool. S. London 270.*Hymenomaga* do. Karsch 1894 Stett. E. Z. LV., Pl. 1. f. 6.

Guinea; Kamerun.

Tropicorypha.

Mayr 1864 Verh. zool. bot. Ges. Wien XIV. 910; and 1866 Novara Exp., Hem. 59;
Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 73 (type *deplana* = *bifida*).

1 cervina

Cimex cervinus Germar 1837 Silb. Rev. Ent. V. 178.
Pentatoma cervinum H-S. 1844 Wanz. VII. 99, f. 764.
P. cervina Stål 1865 Hem. Afr. I. 161.

Cape Colony.

2 corticina

Cimex corticinus Germar 1837 l. c.
Pentatoma corticinum H-S. 1844 op. cit. 98, f. 761.
P. corticina Stål 1865 op. cit. 160.

Cape Colony; Transvaal; Mashonaland; Nyasaland.

3 deplana

|| *Cimex bifidus* Thunberg 1822 Hem. rostr. Cap. II. 4.
Cimex deplanus H-S. 1840 Wanz. V. 74, f. 518.
Tropicorypha bifida Stål 1876 l. c.

Cape Colony
[Australia in error].**4 deplanata**

Pentatoma deplanata [Westwood] 1837 Cat. Hope I. 35.
Agonoscelis ? rufescens Walker 1868 Cat. Het. III. 546.

Gambia.

5 pavida

Pentatoma pavida Stål 1865 Hem. Afr. I. 163.

Cape Colony.

6 placida

Pentatoma placida Walker 1867 Cat. Het. II. 297.
P. immnis Walker 1868 III. 560.
Tropicorypha placida Distant 1898 A. M. N. H. (7) II. 299.

Cape Colony; Transvaal.

7 signata

Tropicorypha signata Distant 1900 T. E. S. London 168.

"S. Africa."

8 subflava

Pentatoma subflava Signoret 1861 A. S. E. France (3) VIII. 931; Stål 1866 Hem. Afr. IV. 253.

Madagascar.

9 taeniata

Pentatoma taeniata Stål 1865 Hem. Afr. I. 162.

Cape Colony.

10 vietrix nom. nov.

|| *Pentatoma ventralis* Dallas 1851 List 243.

— ? [probably Cape Colony].

11 victorini

Pentatoma victorini Stål 1856 O. V. A. F. XIII. 194; Stål 1865 Hem. Afr. I. 163.

Cape Colony.

Theloris.

Pentatoma subgen. *Theloris* Stål 1865 Hem. Afr. I. 172 (type *costata*).

1 costata

Cimex costatus Thunberg 1783 Nov. ins. sp. II. 50, Pl. 2. f. 63.
C. bilineatus Thunberg 1822 Hem. rostr. Cap. II. 2.¹⁾
C. civilis Germar 1837 op. cit. 179.
Pentatoma costata Stål 1865 l. c.

Cape Colony.

Aesula.

Stål 1876 Svensk. Vet. Handl. 14. no. 4. pp. 57 a. 74 (type *signoretiana* = *viridissima*).

1 signoretiana nom. nov.

|| *Pentatoma viridissima* Signoret 1861 A. S. E. France (3) VIII. 931.

Aesula do. Stål 1876 op. 74.

Anjonana a. Mayotte Is. (near Madagascar).

¹⁾ There is a *Cimex bilineatus* Thunb. 1783 which, if the same, would supersede *C. costatus*.

Aethemenes.Stål 1876 op. cit. 57 (type *nigropunctatus*!).**1 forbesi***Aethemenes forbesi* Distant 1884 P. Zool. S. London 460.

Nigeria.

2 nigropunctatus*Pentatoma nigropunctata* Signoret 1858 Thoms. Archiv. II. 285.
Veterna nigripunctata Stål 1865 Hem. Afr. I. 157.Gabun; Guinea;
Kongo.**3 stålitanus** nom. nov.|| *Pentatoma unicolor* Stål 1865 op. cit. 158.

Guinea.

Dryadocoris nom. nov. (type *analisis*).*Holcostethus* Stål 1872 O. V. A. F. XXIX. 37; and 1876 Svensk. Vet. Handl. 14.
no. 4. p. 74.**1 analis***Pentatoma analis* Costa 1847 Atti Ist. Nat. Napoli VII. 387,
Pl. V. f. 4.

Mediterranean basin.

Holcostethus jani Fieber 1861 op. cit. 334.*H. analis* Puton 1881 Syn. Hém. France II. 56.**2 apicalis***Cimex apicalis* H-S. 1842 Wanz. VI. 95, f. 666.Cape Colony; Guinea;
Calabar.*Pentatoma inquinata* Stål 1853 O. V. A. F. X. 218.*P. bipunctipes* Signoret 1858 Thoms. Arch. Ent. II. 282.*Pentatoma confinis* Walker 1867 Cat. Het. II. 298.|| *P. apicalis* Stål 1865 Hem. Afr. I. 165.**3 distanti***Holcostethus distanti* Bergroth 1892 A. S. E. Belg. XXXVI. 160.

"S. Africa."

4 goniodes*Pentatoma goniodes* Dallas 1851 List 233; Stål 1865 op.
cit. 167.

Cape Colony.

5 heterocerus*Pentatoma heterocera* Walker 1867 op. cit. 297.Cape Colony; Trans-
vaal; Natal.**6 obscuratus***Holcostethus obscuratus* Distant 1892 Nat. Transvaal 249,
Pl. III. f. 2.

Transvaal.

7 scapularis*Cimex scapularis* Thunberg 1822 Hem. rostr. Cap. II. 1.

Cape Colony.

C. plinthacrus Germar 1837 Silb. Rev. Ent. V. 172.*Pentatoma moerens* Stål 1853 O. V. A. F. X. 219.*P. scapularis* Stål 1865 Hem. Afr. I. 166.**Holcostethus.***Holcostethus* Fieber 1860 Eur. Hem. 79; and 1861 op. cit. 333 (type *sphacelatus*).*Peribalus* Mulsant et Rey 1866 Ann. S. Linn. Lyon (2) XIV. 185; Stål 1872 O. V.A. F. XXIX. 34; Jakovlev 1902 Русск. Энт. Обозр. II. 158 (type *vernalis*).*Dryocoris* Mulsant et Rey 1866 op. cit. 190. (n. nov. for *Holcostethus*!)**1 abbreviatus***Holcostethus abbreviatus* Uhler 1872 Rep. U.S. Geol. Surv. V. 397.Canada; Kansas; Mon-
tana; Colorado;
Utah; California;
Lower California.*Peribalus* do. Van Duzee 1904 T. Amer. E. S. XXX. 33.Foodplant: *Prosopis juliflora*.**2 albipes***Cimex albipes* Fabricius 1781 Spec. Ins. II. 345.S. France; Corsica;
Italy; Dalmatia;
Syria.*Holcostethus congener* Fieber 1861 Eur. Hem. 334.*Peribalus albipes* Puton 1882 Syn. Hém. France II. 58.**3 breviceps***Peribalus breviceps* Horváth 1897 Rev. Ent. XVI. 81; Jakovlev
1902 Русск. Энт. Обозр. II. 159.

E. Siberia.

- 4 **capitatus** *E. Turkestan.*
Peribalus capitatus Jakovlev 1889 H. S. E. Ross. XXIV. 236;
 and 1902 Русск. Эн. Обозр. II. 159.
- 5 ? **dubius** "North America."
Pentatoma ? dubia Dallas 1851 List 237.
Peribalus ? sp. Van Duzee 1904 op. cit. 34.
- 6 **inclusus** S. Russia.
Pentatoma inclusa Dohrn 1860 Stett. E. Z. XXI. 103.
Peribalus inclusus Reuter 1900 Oefv. Finsk. Förh. XLII. 233;
 Jakovlev 1902 op. cit. 159.
- 7 **limbolarius** Canada; United States; Mexico.
Peribalus limbolarius Stål 1872 Svensk. Vet. Handl. 10. no. 4.
 p. 34; Uhler 1877 Bull. U. S. Geol. Surv. III. 403;
 Distant 1880 B. C. A., Het. I. 65, Pl. 6. f. 19; Van
 Duzee 1904 op. cit. 32.
P. modestus Uhler 1872 Rep. U. S. Geol. Surv. V. 396.
 Foodplant: *Solidago*.
- 8 **ovatus** E. Turkestan.
Peribalus ovatus Jakovlev 1889 H. S. E. Ross. XXIV. 319;
 and 1902 Русск. Эн. Обозр. II. 158.
- 9 **pallesceus** Mongolia.
Peribalus pallescens Jakovlev 1902 op. cit. 159.
- 10 **peltatus** Turcomania.
Peribalus peltatus Jakovlev 1894 H. S. E. Ross. XXVIII. 134;
 and 1902 Русск. Эн. Обозр. II. 158.
- 11 **piceus** Hudson's Bay; Ontario; Montana; Iowa.
Pentatoma ? picea Dallas 1851 List 236.
Peribalus piceus Van Duzee 1904 op. cit. 34.
- 12 **politulus** Guatemala; Panama.
Peribalus politulus Distant 1893 B. C. A. Het. I. 457.
- 13 **sphacelatus** Europe; Algeria.
Cimex sphacelatus Fabricius 1794 Ent. Syst. IV. 120; Wolff
 1802 Ic. Cim. 101, Pl. X. f. 95.
C. lynx Panzer 1796 Faun. Germ. XXXIII. f. 17. (not Fabricius).
Pentatoma lynx Latreille 1804 Hist. Nat. XII. 193.
P. annulata Mulsant et Rey 1852 A. S. Linn. Lyon 86.
Peribalus sphacelatus Puton 1881 Syn. Hém. France II. 58;
 Jakovlev 1902 op. cit. 159.
 var. (b) **suboblonga**
Peribalus sphacelatus var. *suboblongus* Rey 1888 Rev. Ent. VII. 95.
 Foodplant: *Verbascum*.
- 14 **strictus** Mediterranean basin.
Cimex strictus Fabricius 1803 Syst. Rh. 179.
 || *C. distinctus* Fieber 1861 Eur. Hem. 339.
Peribulus strictus Stål 1868 Svensk. Vet. Handl. 7. no. 11.
 p. 28; Jakovlev 1902 op. cit. 158.
P. distinctus Puton 1881 op. cit. 57.
- 15 **tristis** Vancouver Is. (off Br. Columbia).
Peribalus tristis Van Duzee 1904 op. cit. 32 a. 33.
- 16 **vernalis** Europe; North Africa; Canary Is.; Syria; Persia; Turkestan; Siberia.
Cimex baccarum Schrank 1791 Ins. Austr. 272 (not Linneus).
C. vernalis Wolff 1804 Ic. Cim. 140, Pl. XIV. f. 135; Fieber
 1861 l. c.
Pentatoma do. Hahn 1834 Wanz. II. 64, f. 153.
Peribalus do. Puton 1881 l. c.; Saunders 1892 Hem. Het.
 Brit. Is. 27, Pl. 2. f. 7; Jakovlev 1902 l. c.

var. (b) **straminea**

Peribalus vernalis var. *stramineus* Horváth 1896 Termész. füzetek. XVIII. 222.

Turkestan.

Foodplants: *Betula*; *Quercus*; *Verbascum*; *Epilobium*; *Umbelliferae*.

Trichopepla.

Stål 1867 O. V. A. F. XXIV. 528 (type *pilipes* = *semivittata*).

1 **atricornis**

Trichopepla atricornis Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 34; Van Duzee 1904 op. cit. 35.

Alaska; Canada; Wisconsin; Illinois; Colorado; Idaho; California.

2 **dubia**

Trichopepla dubia Distant 1890 B. C. A., Het. I. 333, Pl. 31. f. 14.

Mexico.

3 **semivittata**

Pentatoma semivittata Say 1832 Descr. Het. Hem. 9; and 1859 Compl. Writ. I. 322.

Canada; United States; Mexico.

P. semivittatum H-S. 1844 Wanz. VII. 101, f. 766 (as n. sp.).

P. pilipes Dallas 1851 List 247.

Trichopepla semivittata Stål 1872 l. c.; Distant 1880 op. cit. 64, Pl. 6. f. 15; Van Duzee 1904 op. cit. 34.

§ Note on imaginal colour development, Van Duzee op. cit. 35. Foodplant: *Daucus carota*.

Cappaea.

Ellenrieder 1862 Nat. Tijdschr. Ned. Ind. XXIV. 146; Mayr 1866 Novara Exp. Zool. II. 65; Stål 1867 O. V. A. F. XXIV. 514 (type *multilinea* = *taprobanensis*).

1 **taprobanensis**

Pentatoma taprobanensis Dallas 1851 List 244.

India; Assam; Ceylon; Burma; Sumatra; Java.

Cappaea multilinea Ellenrieder 1862 op. cit. 147, Pl. 3. figs. 13—17.

C. taprobanensis D. Sharp 1890 T. E. S. London 409; W. F. Kirby 1891 J. Linn. S. London, Zool. XXIV. 84, Pl. IV. f. 1; Distant 1902 Faun. Ind. Rh. I. 149, f. 88.

§§ Ellenrieder l. c. (metamorphoses).

Foodplant: *Citrus limonellus* and *aurantium*.

Halyomorpha.

Mayr 1864 Verh. zool. bot. Ges. Wien. XIV. 911; and 1866 Novara Exp. Zool. II. 47; Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 74 (type *timorensis* = *picus*).

1 **annulicornis**

Pentatoma annulicornis Signoret 1858 Thoms. Arch. II. 284; Stål 1865 Hem. Afr. I. 164.

Senegal; Kongo; Guinea; Calabar; Sierra Leone.

Halyomorpha do. Stål 1876 op. cit. 75.

2 **bimaculata**

Halyomorpha bimaculata Bergroth 1892 A. S. E. Belg. XXXVI. 160; Haglund 1894 O. V. A. F. LI. 402.

Sierra Leone; Kamerun.

3 **capitata**

Halyomorpha capitata Distant 1892 Nat. Transv. 249, Pl. III. f. 3.

Transvaal; Mashonaland.

4 **erlangeri**

Halyomorpha erlangeri Schouteden 1905 A. S. E. Belg. XLIX. 12.

Abbyssinia.

5 **guttula**

Halsys guttula Ellenrieder 1862 op. cit. 144, Pl. 2. f. 12.

Sumatra.

Foodplant: *Saccharum officinarum*.

- 6 **lata** Lombok.
Halyomorpha lata Breddin 1899 Beih. Jb. Hamb. Wiss. Anst. XVI (2). 162, Pl. f. 2.
- 7 **longiceps** Moluccas (Ternate).
Halyomorpha longiceps Breddin 1900 Abh. Senck. Nat. Ges. XXV. 143, Pl. IX. f. 3.
- 8 **murrea** N. India.
Halyomorpha murrea Distant 1887 T. E. S. London 344, Pl. 12. f. 5; and 1902 Faun. Ind. Rh. I. 153.
- 9 **ornativentris** Sumatra; Borneo.
Halyomorpha ornativentris Breddin 1900 Stett. E. Z. LXI. 296.
- 10 **picus** India; Assam; Burma; N. and S. China; Japan; Ceylon; Sumatra; Java; Timor.
Cimex picus Fabricius 1794 Ent. Syst. IV. 115.
C. marmoreus Fabricius 1798 op. cit. suppl. 534.
C. cinnamomeus Wolff 1802 Ic. Cim. 99, f. 93.
Halys timorensis [Westwood] 1837 Cat. Hope I. 22.
Pentatoma halys Stål 1855 O. V. A. F. XII. 182.
Poecilometis mistus Uhler 1860 P. Ac. Nat. Sci. Philad. 223¹).
Pentatoma trivialis Dohrn 1860 Stett. E. Z. XXI. 400¹).
Halyomorpha timorensis Mayr 1866 Novara Exp., Hem. 50, Pl. 1. f. 7.
Dalpada collocata Walker 1867 Cat. Het. I. 221.
D. brevis Walker op. cit. 226.
D. remota Walker op. cit. 227.
D. proxima Walker l. c.
Halyomorpha picus Distant 1902 Faun. Ind. Rh. I. 152, f. 41.
- 11 **praetoria** German East Africa.
Pentatoma praetoria Gerstaecker 1892 Jb. Hamb. Wiss. Anst. IX (2)¹ 46.
- 12 **pretoriae** Transvaal; Mashonaland.
Halyomorpha pretoriae Distant 1892 Nat. Transv. 250, Pl. III. f. 4.
- 13 **reflexa** Guinea; Calabar.
Pentatoma reflexa Signoret 1858 Thoms. Arch. II. 284; Stål 1865 Hem. Afr. I. 164.
Halyomorpha do. Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 75.
- 14 **scoruba** Kongo.
Pentatoma scoruba Dallas 1851 List 243.
- 15 **scutellata** India; Assam.
Halyomorpha scutellata Distant 1879 A. M. N. H. (5) III. 51; and 1902 Faun. Ind. Rh. I. 153.
- 16 **versicolor** Nyasaland.
Halyomorpha versicolor Distant 1881 P. Zool. S. London 271, Pl. 31. f. 1.
- 17 **viridiscens** Cape Colony; Nyasaland; Transvaal; Natal.
Atelocera viridiscens Walker 1867 op. cit. I. 215.
Halyomorpha viridescens Distant 1880 Ent. Mo. Mag. XVI. 201.
- 18 **viridinigra** Celebes.
Halyomorpha viridinigra Breddin 1901 Abh. Nat. Ges. Halle XXIV. 43.

Tolumnia.

Stål 1867 O. V. A. F. XXIV. 515; and 1876 Svensk. Vet. Handl. 14. no. 4. p. 75 (type *trinitata*).

1 **aeola**

Pentatoma aeola Dallas 1851 List 248.

Tolumnia do. Distant 1900 A. M. N. H. (7) V. 389.

"Australia."

¹) I do not know which of these is prior.

- 2 **antennata**
Tolumnia antennata Distant 1902 Faun. Ind. Rh. I. 155. India (Malabar).
- 3 **basalis**
Pentatoma basalis Dallas 1851 List 237. China (Lo fou Shan).
var. (b) **gutta**
Pentatoma gutta Dallas op. cit. 239.
- 4 **ferruginescens**
Tolumnia ferruginescens Breddin 1904 Wien. E. Z. XXIII. 7. Tonking.
- 5 **immaculata**
Tolumnia immaculata Distant 1900 T. E. S. London 168; S. India; Ceylon.
and 1902 Faun. Ind. Rh. I. 155.
- 6 **inobtrusa**
Pentatoma inobtrusa Walker 1867 op. cit. II. 305. Flores.
- 7 **latipes**
Pentatoma latipes Dallas 1851 List 238. India; Assam; Burma;
Dalpada obtusicollis Ellenrieder 1862 op. cit. 143, Pl. 2. f. 10. Tenasserim; Siam;
Pentatoma trispila Walker 1867 op. cit. 302. China (Hongkong);
Tolumnia latipes Breddin 1900 Stett. F. Z. LXI. 298; Distant Malay Pen.; Su-
1902 op. cit. 154, f. 92. matra; Java.
- var. (b) **contingens**
Pentatoma contingens Walker 1867 l. c.
- 8 **longirostris**
Pentatoma longirostris Dallas 1851 l. c. Philippines.
Tolumnia do. Stål 1876 l. c.
- 9 **maxima**
Tolumnia maxima Distant 1902 l. c. Tenasserim.
- 10 **3-notata**
Pentatoma 3-notata [Westwood] 1837 op. cit. 41. Malacca; Sumatra;
Borneo; Java; Cam-
bodja.

Massocephalus.Dallas 1851 List 195 a. 230 (type *maculatus*).

- 1 **maculatus**
Massocephalus maculatus Dallas 1851 op. cit. 231, Pl. IX. f. 1. Philippines.

Palomena.Mulsant et Rey 1866 A. S. Linn. Lyon (2) XIV. 194 a. 200; Stål 1872 O. V. A. F. XXXIII. 37; Puton 1881 Syn. Hem. France II. 51 (type *viridissima* = *prasina*).

- 1 **amplificata**
Palomena amplificata Distant 1880 T. E. S. London 148, Pl. China (Shantung).
5. f. 2; Atkinson 18? J. A. S. Bengal LVIII (2) 28.
- 2 **angulata**
Cimex angulatus Puton 1871 Pet. Nouv. Ent. I. 124. Algeria.
† *Palomena longicornis* Rey 1887 Echange p. ?
- 3 **angulosa**
Cimex angulosus Motshulsky 1861 Etudes Ent. X. 23. Japan.
Palomena angulosa Distant 1883 op. cit. 422.
- 3 **prasina**
Cimex prasinus Linneus 1761 Faun. Svec. (Ed. 2) 249; Wolff Europe; Algeria;
1801 Ic. Cim. 52, Pl. VI. f. 49. Syria; Turkestan;
C. viridis totus de Geer 1773 Mem. III. 266 (not binominal). Siberia.
C. viridis Harris 1776 Exp. Engl. Ins. 88, Pl. 26. f. 1.
C. dissimilis Fabricius 1781 Spec. Ins. 354; Panzer 1796 Faun.
Germ. XXXIII. f. 15; Ferrari 1874 Ann. Mus. Genov.
VI. 130.
C. baccarum Shaw 1806 Gen. Zool. 165 (not Linneus).
C. discolor Wolff 1811 op. cit. 178, Pl. 18. f. 177.

Pentatoma juniperina Lep. et Serv. 1825 Enc. Méth. X. 57 (not Linneus).

P. prasinum Hahn 1834 Wanz. II. 60, f. 149.

P. rotundicollis [Westwood] 1837 op. cit. 9 (nom. nov.).

P. dissimile Douglas and Scott 1865 Brit. Hem. I. 83, Pl. 3. f. 1.

Palomena viridissima Mulsant et Rey 1866 op. cit. 200 (not Linneus).

P. prasina Saunders 1892 op. cit. 29, Pl. 3. f. 1.

§ Fabre 1903 Souv. Ent. VIII. 74 (habits etc.).

§§ Dufour 1833 Mém. Sav. étr. France IV. 157 etc., Pl. X. figs. 122—23 (anatomy); [as *dissimilis*].

§§ J. Gross 1901 Z. Wiss. Zool. LXIX. ex 139—201, Pl. 15. figs. 13, 15, 23; Pl. 16. figs. 38, 52—53, 56—57, 68 (amitosis etc.).

§ Leonardi 1901 Boll. Pat. Veg. VIII. 118—19.

§§ Heymons 1899 Nov. Act. Leop. Ak. Nat. Halle LXXIV. 386—97, fig. VI. and Pl. XV. fig. 3; Pl. XVI. figs. 14 and 20; Pl. XVII. figs. 30, 33 a. 37 (as *dissimilis*).

§ Bugnion 1908 B. S. E. France for 1907, p. 348 (salivary glands).

Foodplants: *Ailanthus*; *Asparagus*; *Evonymus*; *Quercus*; *Corylus avellana*; *Graminaceae*; *Umbelliferae*.

var. (b) **rhododactyla**

Palomena prasina var. *rhododactyla* Horváth 1883 Termész. füzet. VII. 23.

5 reuteri

N. India (Kashmir).

Palomena reuteri Distant 1879 T. E. S. London 122; and 1879 Sci. Res. Second Yarkand Miss., Rh. 4. f. 2; and 1902 Faun. Ind. Rh. I. 156; Horváth 1889 Termész. füzet. XII. 31.

Foodplant: *Populus* (Paiva 1907 Rec. Ind. Mus. I. 174).

6 rubricornis

Japan; China (Pekin).

Palomena rubricornis J. Scott 1874 A. M. N. H. (4) XIV. 300.

7 spinosa

India (Sind).

Palomena spinosa Distant 1880 T. E. S. London 149, Pl. 5. f. 3; and 1902 Faun. Ind. Rh. I. 157, f. 93.

8 unicolorella nom. nov.

India (Bengal).

|| *Pentatoma unicolor* [Westwood] 1837 Cat. Hope I. 41.

Palomena do. Distant 1900 P. Zool. S. London 811, Pl. LII. f. 5; and 1902 Faun. Ind. Rh. I. 159.

9 viridissima

Europe; Algeria; Siberia; N. India.

Cimex viridissimus Poda 1761 Ins. Mus. Graec. 56; Ferrari 1874 Ann. Mus. Genov. VI. 130.

Pentatoma dissimilis Amyot et Serville 1843 Hém. 131 (not Fabr.).

Cimex prasinus Fieber 1861 Eur. Hem. 339 (not Linneus).

var. (b) **simulans**

Palomena viridissima var. *simulans* Puton 1881 Syn. Hém. France II. 63.

P. v. var. *rubicunda* Westhoff 1883 Ber. Vers. Westph. Ver. XII. 43.

var. (c) **subrubescens**

Pentatoma prasina var. d *subrubescens* Gorski 1852 Anal. Ent. 93.

Foodplants: *Daucus*; *Heracleum*.

Rhytidolomia.

Lioderma subgen. *Rhytidolomia* Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 33 (type *senilis*).

Pentatoma of many authors (not Olivier, typic.); Van Duzee 1904 T. Amer. E. S. XXX. 35—36 (table of 11 North American species).

subgen. (b) **Liodermium**

|| *Liodermya* Uhler 1871 P. Boston S. N. H. XIV. 97; and 1878 op. cit. XIX. 377; Stål 1872 op. cit. 32 (type *saucia*).

Liodermium Kirkaldy 1904 Entom. XXXVII. 280 (new name).

subgen. (c) **Chlorochroa**

Lioderma subgen. *Chlorochroa* Stål 1872 op. cit. 33 (type *ligata*).

Pitedia Reuter 1888 Act. Soc. Sci. Fenn. XV. sep. p. 124. (type *juniperina*).

(a) subgen. typ.

1 **belfragii**

Lioderma belfragii Stål 1872 l. c.

Pentatoma belfragei Van Duzee 1904 T. Amer. E. S. XXX. 36—37.

Canada; Iowa; Illinois; Nebraska.

2 **faceta**

Pentatoma faceta Say 1825 J. Ac. N. S. Philad. IV. 315; and 1859 Compl. Wr. II. 242; Van Duzee 1904 op. cit. 36 a. 38.

Missouri; Dakota; Utah; Colorado; California.

3 **osborni**

Pentatoma osborni Van Duzee 1904 op. cit. 35 and 37.

Colorado; Texas.

4 **senilis**

Pentatoma senilis Say 1832 Descr. Het. Hemp. p. 5; and 1859 Compl. Wr. I. 316; Van Duzee 1904 locis cit.

Long Island; Staten Isl.; New Jersey (of U. S. A.). [West Indies?]

|| *P. oblonga* [Westwood] 1837 Cat. Hope I. 9. (no. 83) (not descr.).

P. ovalis [Westwood] 1837 op. cit. 39.

|| *P. grisea* Dallas 1851 List 246.

(b) subgen. *Liodermium*.

5 **saucia**

Pentatoma saucia Say 1832 Descr. Het. Hem. 6; and 1859 Compl. Writ. I. 318; Van Duzee 1904 op. cit. 35 a. 36.

Eastern U. S. A.

6 **viridicata**

Hymenarcys viridicata Walker 1867 Cat. Het. II. 283.

Lioderma do. Uhler 1876 Rep. U. S. Geol. Survey (Wheeler's Exp. Zool. V) 830, Pl. XLII. f. 11 (as sp. nov.).

Pentatoma do. Van Duzee 1904 locis cit.

Colorado; Montana; L. California.

(c) subgen. *Chlorochroa*.

7 ? **albosparsa**

Cimex albosparsus Kushakevitch 1867 Hor. S. E. Ross. IV. 98, Pl. 2. f. 2.

? *Pentatoma albosparsa* Van Duzee 1904 op. cit. 40.

California.

8 **congrua**

Chlorochroa congrua Uhler 1876 Bull. U. S. Geol. Surv. II. 288.

Pentatoma do. Van Duzee 1904 op. cit. 36 a. 40.

Colorado; Montana; Idaho; Utah.

9 **juniperina**

Cimex juniperinus Linneus 1758 Syst. Nat. (Ed. 10). 445; de Geer 1773 Mém. III 253, Pl. XIII. figs. 1—9.

C. flavoviridis Goeze 1778 Ent. Beytr. II. 273.

Pentatoma juniperina Dufour 1833 op. cit. 156 etc.; Saunders 1892 Hem. Het. Brit. 28, Pl. 2. f. 10; Van Duzee 1904 op. cit. 36 a. 39; Kellogg 1905 Amer. Ins., f. 298.

P. juniperinum Hahn 1834 Wanz. II. 61, f. 150.

|| *P. confusa* [Westwood] 1837 op. cit. 9 (nom. nov.).

P. juniperi Fieber 1861 Eur. Hem. 336.

§ Felt 1901 Bull. N. York State Mus. VII. 999 (o).

§§ de Geer l. c.

§ Dufour l. c. (anatomy etc.).

§ Lintner 1895 Rep. N. York State Mus. XLVIII. 430, f. 16.

Europe; Algeria; Asia minor; Siberia; Canada; N. E. United States.

§§ Leuckart 1855 Müller's Arch. 143, Pl. VIII. f. 6. (embryol.).
Foodplants: *Juniperus communis*, *sabina* and *subrotundatus*;
Opuntia humifusa; *Salix*; peaches; grasses.

10 **ligata**

Pentatoma ligata Say 1832 Descr. Het. Hem. 5; and 1859
Compl. Wr. I. 315; Uhler 1876 Bull. U. S. Geol. Surv.
II. 288; Van Duzee 1904 op. cit. 36 a. 41.

Cimex rufocinctus H-S. 1839 Wanz. IV. 94, f. 436.

† *C. rubromarginatus* Kushakevitch 1867 op. cit. 101, Pl. 2.
f. 4 (?).

|| *Pentatoma marginalis* Walker 1867 op. cit. II. 288.

Lioderma ligata Lugger 1900 Rep. Ent. Minnesota VI, 90, f. 86.

§§ Morrill 1905 Bull. U. S. Ent. LIV. 18—34; and 1907 op.
cit. LXIV. 1—14, Pl. 1 and textfigs. 1—2 (*o* and *a*).

§ Hinds 1906 Bull. U. S. Ent. LIX. 29, Pl. 3. f. 10—11.
(stimulates proliferation in the Cotton Plant).

Foodplants: *Prosopis juliflora*; *Zea mays*; alfalfa; beans;
cotton; grapes; hazel; peaches; peas; peppers; squash-
vines; tomatoes; yucca; hemlock.

Parasitized by *Telenomus ashmeadi* [Hym.]; and *Gymnosoma
fuliginosa* [Dipt.] (Morrill).

Alaska to Mexico,
principally West of
the Rocky Mts.

11 **montivaga**

Chlorochroa montivaga Distant 1890 B. C. A. Het. I. 333,
Pl. XXXI. f. 13.

Panama.

12 **pinicola**

Pentatoma pinicola Mulsant et Rey 1852 A. S. Lin. Lyon 89;
Fieber 1861 Eur. Hem. 336.

|| *P. longirostris* Flor 1856 Rhynch. Livl. 55.

P. juniperinum var. *longirostris* Flor 1860 Arch. Nat. Livlands
(2) III. 132.

P. macrorhampha Fieber 1861 l. c.

P. planiuscula Reuter 1875 Not. sällsk. faun. Fenn. XIV. 328.

Foodplant: *Pinus silvestris*; *Abies*.

Europe.

13 **reuteriana** nom. nov.

|| *Pentatoma rubromarginata* Reuter 1881 Berlin. E. Z. 156.
Chlorochroa do. Reuter 1900 Oefv. Finsk. Förh. XLII. 234, fig. 4.

Spain.

14 **sayi**

Lioderma sayi Stål 1872 l. c.¹⁾

Pentatoma granulosa Uhler 1872 Rep. U. S. Geol. Surv. V. 398.¹⁾

P. sayi Van Duzee 1904 op. cit. 36 a. 41.

§ Morrill 1904 Bull. U. S. Ent. XLIV. 2 etc.

§ Howard 1904 Bull. U. S. Ent. XLIV. 86.

§ Gillette 1904 Bull. Colo. Exp. Sta. 94. p. 3 ("Pentama").

Foodplants: *Lonicera*; *Zea mays*; alfalfa; lima beans; oats;
peas; wheat.

Parasitized by *Telenomus ashmeadi* [Hym.] (Morrill).

Kansas; Idaho; Utah;
Colorado; Cali-
fornia.

15 **uhleri**

Lioderma uhleri Stål 1872 l. c.

Chlorochroa do. Distant 1880 op. cit. 64, Pl. 6. f. 18. (fig.
as *Lioderma*).

Pentatoma do. Van Duzee 1904 op. cit. 36 a. 39; Forbes 1905
Rep. Illinois Ent. XXIII. 116, f. 101.

? † || *Cimex flavomarginatus* Kushakevitch 1867 op. cit. 99,
Pl. 2. f. 4 (?).

§§ D. A. Saunders 1898 Bull. S. Dakota Exp. Sta. [57] pp. 36—
47, Pls. 1—3 (*o*—*a*).

Mexico; Colorado; S.
Dakota; [? Alaska].

¹⁾ I do not know which has the priority.

§§ Forbes 1900 Bull. Illinois Exp. Sta. 445—47, and Rep.

XXI. 97—99. f. 26 (*a—o*).

§ Howard 1900 Bull. U. S. Ent. n. s. X. 94.

§ Forbes 1905 Rep. Illinois Ent. XXIII. 116 (habits).

Foodplants: "almost every kind of cultivated crop" (Forbes);

Zea mays; turnips; radishes; peas; beans; potatoes;
wheat; oats; thistle; beets; cabbage.

Rhombocoris.

Rhombocoris Mayr 1864 Verh. zool. bot. Ges. Wien XIV. 912 (type *syriacus* = *regularis*).

Cyrtochilus Jakovlev 1875 Bull. S. N. Moscou XLIX (2). 252 (type *flavolineatus* = *regularis*)

1 *fuscus*

N. Persia.

Cyrtochilus fuscus Jakovlev 1880 op. cit. LV. 165.

2 *persicus*

N. Persia.

Cyrtochilus persicus Jakovlev 1880 op. cit. 163.

3 *regularis*

S. Russia; Turkey;
Asia minor; Syria.

Pentatoma regulare H-S. 1851 Wanz. IX. 322.

Rhombocoris syriacus Mayr 1864 l. c.

Cyrtochilus flavolineatus Jakovlev 1875 op. cit. XLIX (2) 254,

Pl. 1. f. 4; and 1880 op. cit. LV. 163.

Phaeocoris.

Jakovlev 1887 H. S. E. Ross. XXI. 306 (type *semenovi*).

1 *semenovi*

Siberia (Altai).

Phaeocoris semenovi Jakovlev 1887 op. cit. 308.

Ochyrotylus.

Jakovlev 1885 H. S. E. Ross. XIX. 113 (type *helvinus*!).

1 *helvinus*

Turkomania.

Ochyrotylus helvinus Jakovlev 1885 op. cit. 114.

2 *signoreti*

Turkestan.

Ochyrotylus signoreti ^{Jh.} 1885 op. cit. 115.

Agatharchus.

Agatharchus Stål 1876 Svensk. Vet. Handl. 14. no. 4. pp. 57 a. 76; Reuter 1886 Berlin. E. Z. XXIX. 41; Horváth 1897 Rev. Ent. XVI. 82 (type *linea*).

Barbiger Jakovlev 1877 Тр. Русск. Эн. Общ. X. 87; and 1880 op. cit. XII. 42 (type *furvus*!)

Agatharchus Leth. et Sev. 1893 Cat. I. 121 (laps. cal.).

1 *escalerae*

Asia minor.

Agatharchus escalerae Horváth 1901 Termész. füzet. XXIV. 472.

A. escalerae Oshanin 1906 Yezh. Zool. Mus. Petersb. XI. Prilozh. 112 (laps. cal.?).

2 *herrichii*

S. Russia.

Jalla herrichii Kolenati 1846 Bull. S. N. Moscou sep. p. 35,
Pl. 15. f. 33; Fieber 1861 Eur. Hem. 340.

Barbiger do. Jakovlev 1880 op. cit. XII. 42.

Agatharchus do. Horváth 1897 Rev. Ent. XVI. 83.

var. (b) *aemulans*

Agatharchus herrichii var. *aemulans* Horváth 1897 l. c.

var. (c) *sobrina*

Agatharchus herrichii var. *sobrinus* Horváth l. c.

Foodplant: *Astragalus*.

Asia minor.

3 *jakowleffi*

Barbiger jakowleffi Reuter 1881 Berlin E. Z. 157.

Agatharchus do. Horváth 1897 l. c.

4 **jalloides**

Persia.

Agatharchus jalloides Stål 1876 op. cit. 76; Horváth 1897 l. c.
Barbiger saundersi Jakovlev 1877 op. cit. X. 89; and 1880
 op. cit. XII. 42.

5 **linea**S. Russia; Syria;
Persia.

Pentatoma linea Klug 1845 Symb. Phys. V, Pl. 44. f. 8.
Agatharchus linea Stål 1876 l. c.; Horváth 1897 l. c.
Barbiger furrus Jakovlev 1877 op. cit. X. 88, and 1880 op.
 cit. XII. 42.

6 **montanus**

S. Russia.

Barbiger montanus Jakovlev 1880 op. cit. XII. 40 a. 42.
Agatharchus do. Horváth 1897 op. cit. 82.

7 **tritaenia**

Syria.

Agatharchus tritaenia Horváth 1897 op. cit. 81 a. 82.

Carpocoris.

Carpocoris Kolenati 1846 Bull. S. N. Moscou IV. sep. p. 45; Stål 1872 O. V. A. F.
 XXIX. 37 (type *nigricornis* = *purpureipennis*)¹.
 subgen. (b) **Antheminia** Mulsant et Rey 1866 A. S. Linn. Lyon (2) XIV. 161 (type
lynx = *lunulatus*).

(a) subgen. typ.

1 **alienus**

Turkestan; Siberia.

Carpocoris alienus Reuter 1891 Oefv. Finsk. Förh. XXXIII. 176.

2 **?basicornis**

Japan.

Mormidea basicornis Motschulsky 1866 Bull. S. N. Moscou
 XXXIX. 187.

3 **melanocerus**

S. Europe.

Pentatoma melanocera Mulsant et Rey 1852 A. S. Linn. Lyon 90.
Carpocoris melanocerus Mulsant et Rey 1867 op. cit. (2)
 XIV. 170.

4 **pudicus**Europa; N. Africa;
Syria; Persia; Tur-
kestan; Siberia;
Mongolia; Japan;
N. China; Kashmir;
Panjab.

Cimex pudicus Poda 1761 Ins. Graec. 56.
C. baccarum Scopoli 1763 Ent. Carn. 123 (not Linneus).
C. purpureipennis de Geer 1773 Mém. III. 358, Pl. 13. f. 15—18.
C. nigricornis Fabricius 1775 Syst. Ent. 701; Wolff 1804
 Ic. Cim. IV. 138, Pl. XIV. f. 132b—d.
 || ? *C. cinctus* Schrank 1776 Beytr. Nat. 78.
 || *C. incarnatus* Goeze 1778 Ent. Beytr. II. 274.
C. carneus Gmelin 1789 Syst. Nat. (Ed. XIII). 2134.
C. porphyropterus Gmelin 1789 op. cit. 2147.
 || *C. eryngii* Germar 1817 Reise Dalmat. 283.
Pentatoma do. Hahn 1834 Wanz. II. 59, f. 148.
P. wilkinsonii [Westwood] 1837 Cat. Hope I. 35.
 ? *P. lunula* Gorski 1852 Anal. Ent. 97.
 || *P. varia* Baerensprung 1860 Berl. E. Z. IV., App. 4 (not
 Fabricius).

Carpocoris nigricornis Puton 1881 Syn. Hém. France II. 60;
 Distant 1902 Faun. Ind. Rh. I. 158, f. 94.

C. purpuripennis (!) Puton 1899 Cat. Hém. pal. (4. ed.). 13.
 var. (b) **pallida**

N. India.

Pentatoma pallida Dallas 1851 List 234.

Carpocoris pallidus Distant 1902 l. c.

var. (c) **tarsata**

Carpocoris tarsata Mulsant et Rey 1866 op. cit. 169.

var. (d) **pyrosoma**

S. France [Siberia in
error].
Germany.

pyrosoma Westhoff 1883 Jährl. Ber. Westph. Ver.
 XII. 44.

¹ Distant incorrectly cites "*lynx*" (Faun. Ind. 157).

var. (e) **fuscispina**

Cimex baccharum Fabricius 1775 Syst. Ent. 713 (not Linneus).
C. nigricornis Schrank 1801 Faun. Boic. II. 70; Wolff 1804
 Ic. Cim. IV. 138, Pl. XIV. f. 132a (not Fabricius).

Pentatoma nigricornis Hahn 1834 Wanz. II. 58, f. 147.

Cimex fuscispinus Boheman 1849 Vet. Ak. Handl. LXX. 241.

Pentatoma hahni Flor 1856 Rhynch. Livon. 60.

Carpocoris baccharum Puton 1881 op. cit. II. 59.

—?— † *maculata* Riggio 1885 Nat. Sicil. V. 55.

—?— † *immaculata* Riggio op. cit. 56.

Pentatoma fuscispina Saunders 1892 op. cit. 27, Pl. 2. f. 8.

var. (f) **coreana**

Carpocoris coreanus Distant 1899 A. M. N. H. (7) IV. 436.

C. fuscispinus var. *coreanus* Horváth 1907 Ann. Mus. Hung.
 V. 294.

§§ de Geer l. c. figs. 15—18 (copulation).

§§† Poujade 1884 A. S. E. France (6) IV. [ex pp. 197—200],
 Pl. VIII (attitude during flight).

§§ Gross 1900 Z. Wiss. Zool. LXIX, Pl. 14. f. 3; Pl. 15. figs.
 11, 17, 24—25, 33; Pl. 16. figs. 40, 69 (amitosis).

§§ de Kerville 1902 B. S. E. France 70, fig. 4 (copulation).

§§ Fabre 1903 Souv. Ent. VIII. 66 etc., fig. a on p. 69 (o) —
 (habits etc.).

Foodplants: *Centaurea*; *Verbascum*; *Viburnum lantana*;
Eryngium amethystinum.

Europe; N. Africa;
 Syria; Turkestan;
 Siberia; Japan;
 China; "Oceania"
 [Hawaii in error].

Cho-sen [= Korea].

(b) subgen. **Antheminia**.5 **eurynotus**

Carpocoris eurynotus Horváth 1907 op. cit. 295.

Turkestan.

6 **lunulatus**

Cimex lunulatus Goeze 1778 Ent. Beytr. II. 275.

C. lynx Fabricius 1794 Ent. Syst. IV. 110; Wolff 1802 Ic.
 Cim. 100, Pl. X. f. 94.

Carpocoris do. Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 33;
 Uhler 1872 Rep. U. S. Geol. Surv. V. 398; Puton 1881
 op. cit. 61; Van Duzee 1904 T. Amer. E. S. XXX. 42.

var. (b) **pallidior** nov. nom.

Mormidea pusio Fieber 1861 Eur. Hem. 336 (not Kolenati).

var. (c) **decolor**

Carpocoris lynx var. *decolor* Ferrari 1874 Ann. Mus. Genov.
 VI. 129.

var. (d) **longiceps**

Carpocoris lynx var. *longiceps* Reuter 1884 Oefv. Finsk. Förh.
 XXVI. 32.

Europe; Turkestan;
 Siberia; Colorado;
 Montana; N. Da-
 kota; Utah; Cali-
 fornia.

Siberia [? California
 in error].

Foodplants: *Artemisia campestris*; *Fragaria*; *Medicago sativa*;
Verbascum.

7 **pusio**

Carpocoris pusio Kolenati 1846 op. cit. 48, Pl. 16. f. 39;
 Horváth 1907 op. cit. 294.

C. bergi Jakovlev 1905 Русск. Эн.т. Обзор. V. 100 a. 102.

S. Russia; Turco-
 mannia; Turkestan.

8 **remotus**

Carpocoris remotus Horváth 1907 op. cit. 296.

Colorado.

Codophila.

Carpocoris subg. *Codophila* Mulsant et Rey 1867 A. S. Linn. Lyon (2) XIV. 160
 (type *lunula* = *varia*).

Codophila Stål 1872 O. V. A. F. XXIX. 38.

1 *varia*

Cimex varius Fabricius 1787 Mant. Ins. 284.

|| *C. eryngii* Germar 1814 Ahr. Faun. Ins. Eur. II. 21.

Carpocoris bilunulata Kolenati 1846 Bull. S. N. Moscou IV. sep. 51, Pl. XVI. f. 35¹⁾, with vars. *persica* (f. 36) and *nubica* (f. 37).

Pentatoma baccharum Dallas 1851 List 235 (not Linneus).

Carpocoris varius Stål 1868 Svensk. Vet. Handl. 7. no. 11. p. 29.

var. (b) *lunula*

Cimex lunula Fabricius 1794 Ent. Syst. IV. 96.

Pentatoma laborans A. Costa 1847 Atti Nat. Napoli VII. 384, Pl. V. f. 1.

P. distinguenda A. Costa 1847 op. cit. 385, Pl. V. f. 2.

P. lunula A. Costa 1847 l. c., f. 3.

Carpocorus lunula Puton 1881 op. cit. 61.

var. (c) *maculicollis*

Pentatoma maculicollis Dallas 1851 op. cit. 234.

P. arabica Stål 1854 O. V. A. F. XI. 233.

Carpocoris varius var. *maculicollis* Horváth 1897 Rev. Ent. XVI. 92.

Codophila maculicollis Distant 1902 Faun. Ind. Rh. I. 158, f. 95.

Foodplants: *Bunium paucifolium*; *Carduus*.

S. Europe; N. Africa;
Nubia; Canary Isles;
Asia minor; Syria;
Persia; Turkestan.

N. Africa; Abyssinia;
Arabia; India
(Bombay).

Dolycoris.

Carpocoris subgen. *Dolycoris* Mulsant et Rey 1866 A. S. Linn. Lyon (2) XIV. 161 (type *verbasci* = *baccharum*).

Dolycoris Stål 1872 O. V. A. F. XXIX. 38.

1 *alluaudi*

Carpocoris alluaudi Noualhier 1893 A. S. E. France 7.

Canaries.

2 *baccharum*

Cimex baccharum Linneus 1758 Syst. Nat. (Ed. X.) 445; Wolff 1801 Ic. Cim. 60, Pl. VI. f. 57.

? *C. nebulosus* Poda 1761 Ins. Graec. 56.

C. verbasci de Geer 1773 Mém. III. 257, Pl. XIV. f. 5.

C. subater Harris 1776 Exp. Engl. Ins. 90, Pl. 26. f. 7.

|| *C. albidus* Gmelin 1789 Syst. Nat. (Ed. XIII.) 2161.

Pentatoma baccharum Hahn 1834 Wanz. II. 63, f. 152; Saunders 1892 Hem. Het. Brit. Ins. 28, Pl. 2. f. 9.

Aelia depressa [Westwood] 1837 Cat. Hope. I. 32.

Pentatoma inconcisa Walker 1867 Cat. Het. II. 301.

Dolycoris baccharum Reuter 1880 Ent. Tidskr. I. 128; Distant 1902 op. cit. 159.

var. (b) *brevipilis* Reuter 1891 Oefv. Finsk. Förh. XXXIII. 176.

Siberia.

§ Rathke 1861 Stett. E. Z. XXII. 174—77 (metamorph.).

§§ Landois u. Thelen 1867 Z. Wiss. Zool. XVII. 212, Pl. XII. f. 11 (anatomy).

§§ Lacaze Duthiers 1852 Ann. Sci. Nat. (3) Zool. XVIII. 360—3, Pl. 12. f. 7—9 (♀ armature).

§ Nordin 1886 Ent. Tidskr. VII. 31 (o—a).

§ Dufour 1834 Mém. Sav. étr. Inst. France IV. 158 etc. (anatomy).

§§ de Geer 1773 l. c. Pl. XIII. f. 19—22; Pl. XIV. f. 1—6 (o—a).

§ Fabre 1903 Souv. Ent. VIII. 74 (habits).

§§ Gross 1900 Z. Wiss. Zool. LXIX, Pl. XV. f. 16, 22, 34—35 (amitosis).

Foodplants: *Carduus*; *Fragaria*; *Geum*; *Hyoscyamus niger*; *Lamium album*; *Verbascum thapsus*; *Crataegus oxyacantha*.

¹⁾ Not *bilunata*, as most authors cite.

- 3 **baicalensis**
Dolycoris baicalensis Jakovlev 1894 H. S. E. Ross. XXVIII. 135. Siberia.
- 4 **formosanus**
Dolycoris formosana Distant 1887 T. E. S. London 345. Taiwan.
- 5 **indicus**
Dolycoris indicus Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 76; Horváth 1889 Termész. füzet. XII. 31; Distant 1902 Faun. Ind. Rh. I. 160, f. 96. India; Assam. *Yunnan*
- 6 **numidicus**
Dolycoris numidicus Horváth 1907 Ann. Mus. Hung. V. 296. Tunis; Algeria.
- 7 **penicillatus**
Dolycoris penicillatus Horváth 1904 Ann. Mus. Hung. II. 580. Turkestan.
- 8 **varicornis**
Mormidea varicornis Jakovlev 1876 Тр. Рущк. Энт. Общ. VIII. 58. Hungary; S. Russia; Asia minor; Turkestan; Siberia.

Mimulocoris.

- || *Mimula* Jakovlev 1889 H. S. E. Ross. XXIV. 320 (type *nigrita*).
Mimulocoris Jakovlev 1902 Рущк. Энт. Общ. II. 275 a. 376 (new name).
- 1 **maureri**
Mimula maureri Jakovlev 1889 H. S. E. Ross. XXIV. 322. Turkestan.
- 2 **nigrita**
Mimula nigrita Jakovlev 1889 op. cit. 321. Turkestan.

Mormidea.

Mormidea Amyot et Serville 1843 Hém. 134; Stål 1867 O. V. A. F. XXIV. 527; and 1872 Svensk. Vet. Handl. 10. no. 4. p. 19 (type *ypsilon*).
subgen. (b) *Melanochila* Stål 1872 l. c. (type *lugens*).

(a) subgen. typ.

- 1 **albisignis**
Mormidea albisignis Stål 1872 op. cit. 20. Cuba.
- 2 **ambigua**
Mormidea ambigua Berg 1891 Ann. Soc. Cient. Argent. XXXII. 240. Argentine.
- 3 **angulosa**
Mormidea angulosa Stål 1872 op. cit. 21. Colombia; Trinidad; Bolivia.
- 4 **angustata**
Mormidea angustata Stål 1862 Stett. E. Z. XXIII. 102; Distant 1880 B. C. A., Het., Pl. 5. f. 10. Mexico.
- 5 **bovillus**
Euchistus bovillus Distant 1887 C. R. Soc. E. Belg. p. LXI.
Mormidea bovilla Bergroth 1891 Rev. Ent. X. 222; and 1906 Wien. E. Z. XXV. 2. Brazil.
Euchistus? bovillus Distant 1899 A. M. N. H. (7) IV. 438.
- 6 **collaris**
Mormidea collaris Dallas 1851 List 211; Stål 1872 Svensk. op. cit. 19; Distant 1880 B. C. A., Het. I. 54, Pl. 5. f. 9. Mexico; Guatemala; Costa Rica; Colombia.
- 7 **cornicollis**
Mormidea cornicollis Stål 1860 op. cit. 2. no. 7. p. 21. Brazil (Rio de Janeiro).
- 8 **V-luteum**
Cimex V-luteum Lichtenstein 1796 Cat. rerum nat. 106.
Pentatoma croceipes H-S. 1844 Wanz. VII. 97, f. 759.
Mormidea aglaeopus Dallas 1851 List 212.
M. spiculigera Stål 1860 l. c.
M. compta Walker 1867 Cat. Het. II. 255. Argentine; Brazil; Uruguay; Jamaica; Honduras.

- var. (b) **nigricans**
Mormidea spiculigera var. *nigricans* Stål 1860 l. c.
- var. (c) **ornata**
Mormidea spiculigera var. *ornata* Stål l. c.
- var. (d) **punctipennis**
Mormidea spiculigera var. *punctipennis* Stål l. c.
- § Berg 1879 Hem. Arg. 39 (n.).
 Foodplant: *Polygonum*.
- 9 **eubrosa**
Pentatoma eubrosa Dallas 1851 op. cit. 247. (= *200. 1. 1. Stål - 1860. 12*) Jamaica; Colombia.
- 10 **exigua**
Mormidea exigua Berg 1891 op. cit. 239. Argentine.
- 11 **fusea**
Mormidea fusca Stål 1872 op. cit. 10. no. 4. p. 21. Colombia.
- 12 **geographica**
Cimex geographicus Fabricius 1803 Syst. Rh. 159. Br. Guiana.
Mormidea geographica Stål 1868 op. cit. 7. no. 11. p. 27.
- 13 **guerini**
Pentatoma geographica Guérin 1857 Sagra's Cuba, Ins. 369 Cuba.
 (not Fabricius).
Mormidea guerini Lethierry et Severin 1893 Cat. Hém. I. 123
 (new name).
- 14 **hamulata**
Mormidea hamulata Stål 1860 op. cit. 2. no. 7. p. 21. Brazil (Rio de Janeiro); Colombia.
- 15 **jheringi**
Mormidea jheringi Berg 1891 op. cit. 241. S. Brazil; Argentine.
- 16 **laevigata**
Mormidea laevigata Distant 1880 op. cit. 55, Pl. 7. f. 3. Mexico.
- 17 **maculata**
Mormidea maculata Dallas 1851 op. cit. 212. Colombia.
- 18 **metallica**
Mormidea metallica Stål 1872 op. cit. 10. no. 4. p. 20. Colombia.
- 19 **notulata**
Pentatoma notulatum H-S. 1844 Wanz. VII. 100, f. 765. Mexico; Guatemala;
Rhaphigaster discoideus Dallas 1851 op. cit. 290. Costa Rica; Panama.
Mormidea notulata Distant 1880 l. c., Pl. 5. f. 12.
- 20 **notulifera**
Mormidea notulifera Stål 1860 op. cit. 2. no. 7. p. 21. Brazil (Rio de Janeiro); Argentine.
- 21 **paupercula**
Mormidea paupercula Berg 1879 Hem. Argent. p. 39. Argentine.
- 22 **pictiventris**
Mormidea pictiventris Stål 1862. Stett. E. Z. XXIII. 103; Mexico; Guatemala;
 Distant 1880 l. c., Pl. 5. f. 11. Nicaragua; Panama;
 Colombia; Jamaica;
 Cuba; [? Texas].
- 23 **poecila**
 — — Stoll Pun. 55, Pl. 17. f. 118. Dutch Guiana; Brazil;
Mormidea poecila Dallas 1851 op. cit. 213.¹⁾ Argentine. [N. America?]
 § Berg 1879 Hem. Arg. 38 (n.).
- 24 **prominula**
Mormidea prominula Dallas l. c. Colombia.
- 25 **pulchella**
Mormidea pulchella Walker 1868 Cat. Het. III. 552. N. Brazil.

¹⁾ This is not described, only referred to Stoll's description and figure. Dallas says "N. America"; Lethierry and Severin write "America mer". It seems not to have been recognized by Uhler or Van Duzee as North American.

- 26 **pullata**
Mormidea pullata Berg 1891 A. S. C. Argent. XXXII. 242. Argentine.
- 27 **punctifera**
Eysarcoris punctifer Walker 1867 op. cit. II. 274. California.
- 28 **scutellata**
Pentatoma scutellata [Westwood] 1837 Cat. Hope I. 37.
Mormidea do. Distant 1900 P. Zool. S. London 811, Pl. LII. f. 7. St. Vincent Is.; Trinidad.
- 29 **sordidula**
Mormidea sordidula Stål 1872 Svensk. Vet. Handl. 10 no. 4.
p. 21; Van Duzee 1904 op. cit. 43. Texas; New Mexico; Mexico; Jamaica.
- 30 **speciosa**
Mormidea speciosa Haglund 1868 Stett. E. Z. XXIX. 155. N. Brazil.
- 31 **spgazzinii**
Mormidea spgazzinii Berg 1884 Hem. Arg. Addit. 20. Argentine.
- 32 **tetra**
Mormidea tetra Walker 1868 op. cit. III. 551; Distant 1880
B. C. A. det. op. cit. 56, Pl. 6. f. 6; Van Duzee 1904 l. c. Mexico; Texas.
M. grisescens Stål 1872 l. c.
- 33 **tristis**
Mormidea tristis Bergroth 1891 Rev. Ent. X. 221. Brazil.
- 34 **ypsilon**
Cimex ypsilon Linneus 1758 Syst. Nat. (Ed. X) p. 443; H-S.
1837 Wanz. IV. 20, f. 368. Mexico; Honduras;
C. ypsilon-aeneus de Geer 1773 Mém. III. 332, Pl. 34. f. 7—8. Guatemala; Panama; Colombia; Br.
Mormidea ypsilon Amyot et Serville 1843 Hém. 135. and D. Guiana; Brazil; Argentine.
- var. (b) **inermis**
Mormidea inermis Dallas 1851 op. cit. 211.
M. ypsilon var. *inermis* Distant 1880 op. cit. 54, Pl. 6. f. 7.

(b) subgen. *Melanochila*.

- 35 **lugens**
Cimex lugens Fabricius 1775 Syst. Ent. 716; H-S. 1840 Wanz.
V. 66, f. 510. Canada; United States; Mexico; Cuba.
- || *C. albipes* Fabricius 1798 Ent. Syst. Suppl. 535.
C. gamma Fabricius 1803 Syst. Rh., Emend.
Pentatoma punctipes Pal. de Beauv. 1805 Ins. Afr. Amér. 113,
Hém. Pl. 8. f. 6.
P. punctipes Say 1825 P. Ac. N. S. Philad. IV. 313; and 1859
Compl. Writ. II. 241 (as n. sp.).
Mormidea lugens Stål 1862 Stett. E. Z. XXIII. 103; Van Duzee
1904 op. cit. 42.
Foodplant: *Verbascum*.
- 36 **montandoni**
Mormidea montandoni Kirkaldy 1902 Entom. XXXV. 165. Ecuador.

Solubea.

- || *Oebalus* Stål 1862 Stett. E. Z. XXIII. 102; and 1867 O. V. A. F. XXIV. 527; and
1872 Svensk. Vet. Handl. p. 22 (type *typhaeus* = *pugnax*).
Solubea Bergroth 1891 Rev. Ent. X. 235 (new name). Cuba.
- 1 **insularis**
Oebalus insularis Stål 1872 l. c.
† var. (b) **similis** Kuhlitz 1902 Berlin. E. Z. 253.
- 2 **pugnax**
Cimex pugnax Fabricius 1775 Syst. Ent. 704. United States; Jamaica; Cuba; Mexico; Guatemala; Colombia; Brazil.
C. typhoeus Fabricius 1803 Syst. Rh. 162; Wolff 1811 Ic.
Cim. V. 176, f. 174.

Pentatoma orthacantha Pal. de Beauv. 1805 Ins. Afr. Amér. 130,
Hém. Pl. 9. f. 9.

P. augur Say 1832 Descr. Het. Hem. p. 3; and 1859 Compl.
Writ. I. 313.

Cimex vitripennis Burmeister 1835 Handb. Ent. II. 367.

Oebalus pugnax Stål 1872 l. c.; Lugger 1900 Rep. Ent.
Minnesota VI. 91, f. 90; Van Duzee 1904 T. Amer.
E. S. XXX. 43; Forbes 1905 Rep. Ent. Illinois XXIII.
194, f. 195.

§ Uhler 1876 Bull. U. S. Geol. Surv. II. 285 (habits).

§ Ashmead 1887 Bull. U. S. Ent. XIV. 16.

§ Garman 1891 Psyche VI. 61. (habits; o).

§§ Riley 1885 Rep. U. S. Ent. Comm. IV. 97, figs. (carnivorous).

§ Lugger 1900 l. c.

§ Forbes 1905 l. c.

Foodplants: *Zea mays*; *Panicum*; *Setaria*; wheat.

Feeds on larvae of *Aletia* [Lep.].

3 *rufescens*

N. Brazil.

Oebalus rufescens Haglund 1868 Stett. E. Z. XXIX. 155;
Stål 1872 l. c.

4 *ypsilongriseus*

Dutch Guiana; Brazil

Cimex ypsilongriseus de Geer 1773 Mém. III. 333, Pl. 34. f. 9.

C. litteratus Gmelin 1789 Syst. Nat. (Ed. XIII.) I. 2148.

C. inscriptus Fabricius 1803 Syst. Rh. 159.

Oebalus ypsilongriseus Stål 1868 op. cit. 7. no. 11. p. 28.

5 *ypsilonoides*

Paraguay; Argentine.

Oebalus ypsilonoides Berg 1879 Hem. Arg. 41.

Poriptus.

Stål 1861 Stett. E. Z. XXII. 143; and 1867 O. V. A. F. XXIV. 526 (type *luctans*).

1 *filius*

Argentine.

Poriptus filius Berg 1884 Hem. Arg. Add. 21.

2 *luctans*

N. Brazil.

Poriptus luctans Stål 1861 l. c.

Bucerochoris.

Mayr 1866 Verh. zool. bot. Ges. Wien XVI. 363; and Novara Exp., Zool. II (2) 52;
Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 22 (type *excellens*).

1 *excellens*

Brazil.

Bucerochoris excellens Mayr 1866 Verh. zool. bot. Ges. Wien
XVI. 363; and Novara Exp. 52, f. 9.

Arotrochoris.

Berg 1894 Ann. Mus. Montevideo I. 16 (type *dentifer*).

1 *dentifer*

Brazil.

Arotrochoris dentifer Berg l. c.

Sibaria.

Stål 1872 op. cit. 23 (type *armata*).

1 *andicola*

Ecuador.

Sibaria andicola Breddin 1904 Soc. Ent. XIX. 49.

2 *armata*

Mormidea armata Dallas 1851 List 215.

Sibaria do. Distant 1880 B. C. A., Het. I. 57, Pl. 5. f. 17;

Van Duzee 1901 T. Amer. E. S. XXVII. 344.

Br. Guiana; Brazil;
Colombia; Panama;
Guatemala; Mexico.

Galedanta.

Galedanta Amyot et Serville 1843 Hém. 136; Stål 1867 O. V. A. F. XXIV. 527
(type *bituberculata*).

Galedanta Spinola 1850 Mem. soc. ital. Modena XXV. 35 (laps. cal.).

- 1 **bituberculata** Brazil.
Galedanta bituberculata Amyot et Serville l. c.
Brochymena unicolor H-S. 1853 Wanz. IX. 327.
- 2 **compastoides** Brazil.
Galedanta compastoides Breddin 1906 Wien. E. Z. XXV. 192.
- 3 **myops** Costa Rica; Colombia;
Cimex myops Fabricius 1803 Syst. Rhynch. 155.
Galedanta do. Stål 1868 Svensk. Vet. Handl. 7. no. 11. p. 26;
 Distant 1880 op. cit., Pl. 5. f. 13. Br. Guiana; Brazil.
- 4 **truncata** Brazil.
Galedanta truncata Distant 1899 A. M. N. H. (7) IV. 437.

Agroecus.

Agroecus Dallas 1851 List 193 a. 199; Stål 1867 O. V. A. F. XXIV. 528 (type *griseus*).
Agroecus Leth. et Sev. 1893 Cat. Hém. I. 126.

- 1 **griseus** Panama; Colombia
Agroecus griseus Dallas 1851 op. cit. 199, Pl. VII. f. 4; Distant Br. Guiana; Brazil;
 1890 B. C. A., Het. I. 329, Pl. 31. f. 8.
- 2 **luridus** Brazil.
Agroecus luridus Dallas 1851 op. cit. 200.
- 3 ? **scabricornis** Brazil.
Pentatoma scabricorne H-S. 1844 Wanz. VII. 98, f. 762.

Euschistus.

Euschistus Dallas 1851 List 193 a. 201; Stål 1867 O. V. A. F. XXIV. 528; and
 1872 Svensk. Vet. Handl. 10. no. 4. p. 23; Van Duzee 1904 T. Amer. E. S.
 XXX. 43 (type *apicalis* = *heros*).

subgen. (b) **Lyeipta** Stål 1862 op. cit. 3. no. 6. p. 58 (type *triangulator*!).

subgen. (c) **Parasehistus** nov. (type *integer*).

= div. a a. Stål p. 28. (1872).

[I have not found it possible to arrange all the species, especially those described
 by Walker and Distant, subgenerically.]

§§ Montgomery 1899 Zool. Anz. XXII. 76 and 1899 Z. Jahrb. Anat. XX. ex 1—88,
 5 Pls. and textfigs (embryol.).

- 1 **aceratos** Brazil.
Euschistus aceratos Berg 1894 Ann. Mus. Montevideo I. 17.
- 2 **acuminatus** Hispaniola [= Haiti].
Euschistus acuminatus Walker 1867 Cat. Het. II. 246.
- 3 **acutus** Colombia; Br. Guiana;
Euschistus acutus Dallas 1851 List 202. Brazil.
- 4 **anticus** Brazil; Paraguay; Ar-
Euschistus anticus Stål 1860 op. cit. 2. no. 7. p. 20; and gentine.
 1872 op. cit. 10. no. 4. p. 24; Berg 1879 Hem. Arg. 45.
E. inermis Mayr 1864 Verh. zool. bot. Ges. Wien XIV. 910;
 and 1866 Novara Exp., Zool. II (2). 62, f. 11.
E. fallax Mayr 1864 Verh. l. c.; and 1866 Novara Exp. 63, f. 12.
E. planicornis Fallou 1889 Le Nat. 36.
- 5 **armipes** Brazil; Argentine;
Euschistus armipes Stål 1872 op. cit. 25. Paraguay.
- 6 **atrox** Br. Guiana; Columbia.
Pentatoma atrox [Westwood] 1837 Cat. Hope I. 40.
- 7 **backhauseni** Argentine.
Euschistus backhauseni Berg 1891 Ann. S. Cient. Arg. XXXII. 278.
- 8 **basalis** Brazil (Santarem).
Mormidea basalis Walker 1867 Cat. Het. II. 257.

- 9 **bifibulus**
Pentatoma bifibula Palisot de Beauv. 1805 op. cit. 148, Hém. Pl. 10. f. 5.
Euschistus pallipes Dallas 1851 List 204.
E. bifibulus Stål 1872 op. cit. 27; Van Duzee 1904 op. cit. 48; and 1907 Bull. Buffalo Soc. VIII. 7. 5.
 var. (b) **guayaquilina**
Euschistus bifibulus var. *guayaquilinus* Kuhlitz 1902 Berlin. E. Z. 254, Pl. 4. f. 2. Florida; Texas; Georgia; Cuba; Hispaniola; Jamaica; Mexico; Br. Honduras; Guatemala; Costa Rica; Colombia; Ecuador; Panama.
- 10 **biformis**
Euschistus biformis Stål 1862 Stett. E. Z. XXIII. 100; Distant 1880 B. C. A., Het. I. 60, Pl. 5. f. 15. Mexico; Guatemala; Costa Rica; Panama.
 var. (b) **nigrita** nov.
 = var. Distant l. c.
- 11 **bilobus**
Euschistus bilobus Stål 1872 Svensk. op. cit. 25. Brazil.
- 12 **brevis**
Mormidea brevis Walker 1867 op. cit. 256. Brazil (Amazons).
- 13 **capitatus**
Euschistus capitatus Distant 1890 op. cit. 331, Pl. 31. f. 10. Mexico.
- 14 **circumfusus**
Euschistus circumfusus Berg 1884 Hem. Arg. Add. 24. Uruguay.
- 15 **comptus**
Euschistus comptus Walker 1868 op. cit. III. 450; Distant 1880 op. cit., Pl. 6. f. 11; Van Duzee 1904 op. cit. 48. Texas; Mexico; Guatemala.
- 16 **conspersus**
Euschistus conspersus Uhler 1897 T. Maryland Ac. Sci. I. 388; Van Duzee 1904 op. cit. 46. Vancouver Is.; California.
- 17 **convergens**
Cimex convergens H-S. 1842 Wanz. VI. 94, f. 665.
Euschistus roripes Stål 1860 op. cit. 2. no. 7. p. 20.
E. convergens Stål 1872 op. cit. 10. no. 4. p. 24. Brazil.
- 18 **cornutus**
Euschistus cornutus Dallas 1851 op. cit. 201; Berg 1879 Hem. Arg. 42; Bergroth 1891 Rev. Ent. X. 223. Brazil; Paraguay; Argentine.
- 19 **crassus**
Euschistus crassus Dallas 1851 op. cit. 205; Van Duzee 1904 op. cit. 48. Georgia; Florida.
- 20 **crenator**
Cimex crenator Fabricius 1794 Ent. Syst. IV. 101.
 — *Pentatoma obscura* Palisot de Beauv. 1805 op. cit. 149, Hém. Pl. 10. f. 7. (= ♂).
P. pustulata Palisot de Beauv. 1805 op. cit. 185, Hém. Pl. 11. f. 2.
Euschistus obscurus Dallas 1851 List 208 (as n. sp.).
E. conterminus Walker 1867 Cat. Het. II. 248.
Mormidea melanocantha Walker 1868 op. cit. III. 552.
Euschistus crenator Stål 1868 op. cit. 7. no. 11. p. 26; 1872 op. cit. 10. no. 4. p. 27; Van Duzee 1907 Bull. Buffalo Soc. VIII. 7. California; Texas; Arizona; Jamaica; Hispaniola; Cuba; Nevada; St. Vincent; Mexico; Guatemala; Costa Rica; Honduras; Panama; Trinidad; Colombia; Venezuela.
- 21 **cribrarius**
Euschistus cribrarius Stål 1872 op. cit. 24. Brazil.
- 22 **crocipes**
Pentatoma crocipes [Westwood] 1837 Cat. Hope I. 40. St. Vincent Is.
- 23 **euschistoides**
Diceroeus euschistoides Vollenhoven 1868 Verls. Ak. Amst. Nat. (2) II. 180. Canada; United States.

Euschistus fissilis Uhler 1871 P. Boston S. N. H. XIV. 96;
1878 op. cit. 374; 1872 Rep. U. S. Geol. Surv. V. 396;
Stål 1872 op. cit. 26; Van Duzee 1904 op. cit. 44.

§ Conradi 1904 Science XIX. 393 (protective value of odoriferous secretion).

§ Forbes 1905 Rep. Ent. Illinois XXIII. 195 (habits etc.).

Found in *Zea mays* and wheat; feeds on *Aletia* [Lepid].

Parasitized by *Trissolcus euschistus* [Hym.].

24 heros

Cimex heros Fabricius 1798 Ent. Syst. Suppl. 532.

Euschistus apicalis Dallas 1851 op. cit. 203.

E. heros Stål 1868 op. cit. 7. no. 11 p. 26; Van Duzee 1901 T. Amer. E. S. XXVII. 344.

Brazil; Br. and Fr.
Guiana.

25 ictericus

Cimex ictericus Linneus 1763 Amoen. Acad. VI. 399.

Pentatoma rubrofusca Palisot Beauv. 1805 op. cit. 185, Hém. Pl. 11. f. 3.

Euschistus cognatus Dallas 1851 op. cit. 204¹).

E. ictericus Stål 1872 l. c. 10. no. 4. p. 26; Van Duzee 1904 op. cit. 47.

Hab. Carices in wet places; *Iris versicolor*.

Canada; N. United
States. [? Brazil].

26 illotus

Euschistus illotus Stål 1860 op. cit. 2. no. 7. p. 19; and 1872 op. cit. 10. no. 4. p. 24.

Brazil (Rio de Janeiro).

27 imitator

Euschistus imitator Berg 1879 Hem. Arg. 45.

Argentine.

28 impictiventris

Euschistus impictiventris Stål 1872 op. cit. 26; Van Duzee 1904 op. cit. 45.

Texas; New Mexico.

29 inflatus

Euschistus inflatus Van Duzee 1903 op. cit. XXIX. 107; and 1904 op. cit. XXX. 44 a. 45.

Colorado; New
Mexico.

30 integellus

Euschistus integellus Distant 1893 op. cit. 456.

Panama.

31 integer

Euschistus integer Stål 1872 op. cit. 23; Distant 1880 op. cit., Pl. 7. f. 5.

Mexico.

? 32 jugalis

Euschistus jugalis Provancher 1888 Faune Can. Hém. IV. 204; Van Duzee 1904 op. cit. 47.

Vancouver Is.

33 latus

Euschistus latus Dallas 1852 T. E. S. London (2) II. 12, Pl. 1. f. 5; Stål 1872 op. cit. 24.

E. alaticollis Stål 1860 op. cit. 2. no. 7. p. 20.

Brazil.

34 lineatus

Euschistus lineatus Walker 1867 Cat. Het. II. 245; Distant 1880 p. cit., Pl. 6. f. 12.

Mexico.

35 longiceps

Euschistus longiceps Berg 1891 A. S. C. Argentine XXXII. 279.

S. Patagonia.

36 picticornis

Euschistus picticornis Stål 1872 op. cit. 10. no. 4. p. 23; Berg 1879 Hem. Arg. 280; and 1880 An. S. Cient. Arg. IX. 8; 1884 Hem. Arg. Add. 22.

Brazil; Uruguay;
Argentine.

§ Berg 1879 l. c. (n.).

¹ *E. cognatus* is said to be from Brazil. If this is correct, it is not likely to be the same *ictericus* which appears to be confined to Canada and the Northern United States.

- 37 **politus**
Euschistus politus Uhler 1897 Can. Ent. XXIX. 117; Van Duzee 1904 op. cit. 46. N. E. United States; Ohio.
- 38 **proximus**
Euschistus proximus Dallas 1851 List 208. Colombia.
- 39 **quadrinaculatus**
Euschistus quadrinaculatus Distant 1887 C. R. S. E. Belg. XXXI. p. LXII. Brazil.
- 40 **quadripunctatus**
Euschistus quadripunctatus Stål 1860 op. cit. 2. no. 7. p. 20. Brazil.
- 41 **reductus**
Euschistus reductus Walker 1867 op. cit. II. 246. Hispaniola (= Haiti).
- 42 **rufimanus**
Euschistus rufimanus Stål 1872 op. cit. 10. no. 4. p. 27. Colombia.
- 43 **rugifer**
Euschistus rugifer Stål 1872 op. cit. 26; Distant 1880 B. C. A., Het. I., Pl. 6. f. 8—9. Mexico.
- 44 **sellowii**
Euschistus sellowii Berg 1884 Hem. Arg. Add. 24. Uruguay.
- 45 **servus**
Pentatoma serva Say 1832 Descr. Het. Hem. p. 4; and 1859 Compl. Wr. I. 314. United States.
Euschistus servus Stål 1872 l. c.; Van Duzee 1904 op. cit. p. 45.
? *Pentatoma spilota* [Westwood] 1837 Cat. Hope. I. 42.
§ Ashmead 1887 Bull. U. S. Ent. XIV. 16.
§ Forbes 1905 Rep. Ent. Illinois XXIII. 195.
Foodplant: *Zea mays*; *Citrus aurantium*; (but perhaps sometimes predaceous).
Parasitized by *Trissolcus euschistus* [Hym.].
- 46 **sharpi**
Euschistus sharpi Bergroth 1891 Rev. Ent. X. 223. Brazil.
- 47 **spurculus**
Euschistus spurculus Stål 1862 Stett. E. Z. XXIII. 100; Distant 1880 op. cit., Pl. 6. f. 10; and 1890 op. cit. 330. Mexico; Guatemala.
§ Signoret 1877 B. S. E. France (5) VII. p. XXXVI (made into a kind of flour in Mexico).
- 48 **strenuus**
Euschistus strenuus Stål 1862 l. c.; Distant 1880 op. cit., Pl. 5. f. 16. Mexico; Guatemala.
- 49 **tauricornis**
Euschistus tauricornis Stål 1872 op. cit. 10. no. 4. p. 25. Uruguay.
- 50 **taurulus**
Euschistus taurulus Berg 1879 Hem. Arg. 44. Paraguay; Argentine.
- 51 **teapensis**
Euschistus teapensis Distant 1890 op. cit. 331, Pl. XXXI. f. 11. Mexico.
- 52 **thoracicus**
Euschistus thoracicus Dallas 1851 List 202. — ?
- 53 **triangulator**
Cimex triangulator H-S. 1842 Wanz. VI. 95, f. 667. "S. America."
(? Brazil).
- 54 **trilobus**
Euschistus trilobus Stål 1872 op. cit. 24. Brazil.
- 55 **trisinuatus**
Euschistus trisinuatus Stål 1872 op. cit. 27. Colombia.
- 56 **tristigma**
Pentatoma tristigma Say 1832 Descr. Het. Hem.; and 1859 Compl. Wr. I. 314. N. Canada to Guatemala.

Pentatoma inconspicua [Westwood] 1837 op. cit. 42.
P. tristigma H-S. 1844 Wanz. VII. 101, f. 767 (as n. sp.).
Euschistus luridus Dallas 1851 List 207, Pl. VII, f. 6.
E. tristigma Stål 1872 op. cit. 26; Uhler 1876 Bull. U. S.
 Geol. Surv. II. 286; Distant 1880 op. cit., Pl. 5. f. 20—
 21; Van Duzee 1904 op. cit. 47.

var. (b) **pyrrhocera**

Cimex pyrrhocerus H-S. 1841 op. cit. VI. 71, f. 638.

§§ Patch 1907 Bull. Maine Exp. Sta. [148] p. 276, figs. 36—7
 (o a. a).

Foodplant: Potato; Cotton; *Iris versicolor*.

Preyed on by *Dasillis tergissa* [Dipt.] and *Apateticus macu-
 liventris* [Hem.].

Parasitized by *Trissoleus euschistus* [Hem.].

57 **ursus**

Euschistus ursus Van Duzee 1907 Bull. Buffalo Soc. VIII. 8.
 ? *Pentatoma obscura* Palisot 1805 Ins. Afr. Amér., Pl. 10.
 f. 9 (= ♀).

Jamaica; Hispaniola.

58 **variolarius**

Pentatoma variolaria Palisot 1805 op. cit. 149, Hém. Pl.
 10. f. 6.

|| *P. punctipes* Say 1825 P. Ac. N. S. Philad. IV. 314; and
 1859 Compl. Wr. II. 241.

Cimex ictericus H-S. 1841 l. c., f. 639 (not Linneus).

|| *C. sordidus* H-S. 1841 op. cit. 70, f. 637.

Euschistus variolarius Stål 1872 l. c.; Lugger 1900 Rep.
 Minnesota Exp. Sta. VI. 91, f. 88; Van Duzee 1904 l. c.

§§ Glover 1876 Rep. U. S. Agr. for 1875, 118, f. 7 (*n*—a).

§ Townsend 1889 Ins. Life II. 44 (food).

§ Garman 1897 Bull. Kentucky Exp. Sta. 66. pp. 33—34.

§§ Howard 1899 U. S. Yearb. Agr. for 1898 p. 136, f. 19 (*n*—a).

§ Crevecoeur 1901 Bull. U. S. Ent. XXX. 84 (fluid exuded).

§ Lugger 1900 l. c.

§ Sanderson 1902 Ins. Inj. Staple Crops 219—20.

§ Forbes 1905 Rep. Ent. Illinois XXIII. 195, f. 196 (*a*).

Foodplants: *Asparagus*; *Carduus*; *Thermopsis*; *Zea mays*;
 broom corn; oats; rye; wheat; red clover; tomatoes;
 raspberries; mullein; peaches; tobacco; grasses. Said
 to feed on lepidopterous larvae, as well as on the sap
 of plants. Preys on *Pulvinaria innumerabilis* [Hem.].
 (Van Duzee 1894 Bull. Buffalo S. N. S. V. 171.)

Canada; United
 States.

59 **verrucifer**

Padacus verrucifer Stål 1862 Stett. E. Z. XXIII. 101.

Euschistus do. Stål 1872 op. cit. 24; Distant 1880 op. cit.,
 Pl. 5. f. 14.

Mexico; Guatemala.

60 **zopilotensis**

Euschistus zopilotensis Distant 1890 op. cit. 330, Pl. 31. f. 9;
 Van Duzee 1904 op. cit. 48.

Mexico; Texas.

Atizies.

Distant 1893 op. cit. 456 (type *suffultus*).

1 **suffultus**

Atizies suffultus Distant l. c., Pl. 39. f. 20.

Mexico.

Berecynthus.

Stål 1862 Stett. E. Z. XXIII. 101; and 1867 O. V. A. F. XXIV. 527 (type *crena-
 tus* = *delirator*).

1 **delirator**

- Cimex delirator* Fabricius 1787 Mant. II. 286.
C. hastator Fabricius 1798 op. cit. suppl. 532.
Prooxys crenatus Amyot et Serville 1843 Hém. 140.
Pentatoma spiniceps H-S. 1844 Wanz. VII. 106, f. 772.
Proxys rhodactylus Vollenhoven 1868 Versl. Ak. Amst.
 Nat. (2) II. 180.

Bercynthus delirator Stål 1872 Svensk. Vet. Handl. 10. no. 4.
 p. 28; Distant 1880 op. cit. 61, Pl. 6. f. 14.

Mexico; Hispaniola
 [= Haiti]; Panama;
 Colombia; Vene-
 zuela; Br. and Fr.
 Guiana.

Glypheapomis.

Berg 1891 Ann. Soc. Cient. Arg. XXXII. 280 (type *androguensis*).

1 **androguensis**

Glypheapomis androguensis Berg 1891 op. cit. 281.

Argentine.

Dichelops.

- Dichelops* Spinola 1837 Essai 299; Stål 1867 O. V. A. F. XXIV. 527 (type *punctatus*).
Zalega Amyot et Serville 1843 Hém. 139 (type *furcifrons*).
Diacus Spinola 1850 Mem. Soc. ital. Modena XXV. 36 (new name for *Dichelops*?).
Diceraeus Dallas 1851 List 193 a. 208 (type *melacanthus*).

1 **bicolor**

Dichelops bicolor Distant 1890 B. C. A., Het. I. 332, Pl. 31,
 f. 12; Bergroth 1891 Rev. Ent. X. 224.

Panama; Brazil.

2 **divisus**

Diceraeus divisus Walker 1867 Cat. Het. II. 250.

Brazil (Amazons).

3 **furcatus**

Cimex furcatus Fabricius 1775 Syst. Ent. 705.
Diploxys lineola Amyot et Serville 1843 l. c. 138.
Dichelops furcatus Mayr 1866 Novara Exp. Hem. 51.

Brazil; Uruguay;
 Argentine; Pata-
 gonia.

4 **furcifrons**

Zalega furcifrons Amyot et Serville 1843 op. cit. 139.

Brazil; Br. and Fr.
 Guiana.

5 **leucostigma**

Diceraeus leucostigma Dallas 1851 List 209.

Brazil; Uruguay.

6 **melacanthus**

Diceraeus melacanthus Dallas 1851 op. cit. 208, Pl. VIII. f. 1.

Venezuela; Colombia.

7 **mutabilis**

Diceraeus mutabilis Walker 1867 Cat. Het. II. 250.

Brazil.

8 **pulchricornis**

Diceraeus pulchricornis Walker l. c.

Brazil.

9 **punctatus**

Dichelops punctatus Spinola 1837 Essai 300; H-S. 1844 Wanz.
 VII. 72.

Brazil.

10 **dimidiatus**

Cimex dimidiatus H-S. 1841 Wanz. VI. 65, f. 630 (not 629)¹.
Dichelops transversalis H-S. 1844 op. cit. VII. 73.

Brazil.

Padaeus.

Stål 1862 Stett. E. Z. XXIII. 101; and 1867 O. V. A. F. XXIV. 528 (type *irroratus*).

1 **pseudoseylax**

Padaeus pseudoseylax Bergroth 1891 Rev. Ent. X. 225.

Brazil.

2 **trivittatus**

|| *Cimex irroratus* ♂ H-S. 1837 Wanz. IV. 20.
Padaeus trivittatus Stål 1872 Svensk. Vet. Handl. 10. no. 4.
 p. 29; Distant 1880 op. cit. 62, Pl. 6. f. 16.

Mexico; Guatemala.

¹ An unnecessary confusion has been made over this. Herrich-Schaeffer simply reversed the names *dimidiatus* and *transversalis* on his plate and continued the mistake in the text. *C. dimidiatus* is the *Dichelops*, *C. transversalis* a *Thynata*.

3 **viduus**

|| *Cimex irroratus* H-S. ♀ 1837 op. cit. 19, f. 367.

Padaeus do. Stål 1862 Stett. E. Z. XXIII. 101.

Mormidea vidua Vollenhoven 1868 Versl. Ak. Amst. Nat. (2) II. 180.

Mexico; Guatemala;
Costa Rica.

4 **bovillus**

Padaeus bovillus Distant 1900 T. E. S. London 689.

Costa Rica.

Hegelochus.

Stål 1876 Svensk. Vet. Handl. 14. no. 4. pp. 57 a. 76 (type *tristiculus*).

1 **tristiculus**

Mormidea tristicula Stål 1858 O. V. A. F. XV. 313.

Pentatoma do. Stål 1865 Hem. Afr. I. 159.

Cape Colony.

Andocides.

Stål 1876 locis cit. supra (type *vittaticeps*).

1 **vittaticeps**

Pentatoma vittaticeps Stål 1858 O. V. A. F. XV. 314; 1865
l. c. supra.

Cape Colony.

Veterna.

Pentatoma subgen. *Veterna* Stål 1865 Hem. Afr. I. 153 (type *sanguineirostris*).

Veterna Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 76.

1 **aberrans**

Cimex aberrans Germar 1837 Silb. Rev. V. 168.

Pentatoma do. H-S. 1844 Wanz. VII. 104, f. 715; Stål 1865
Hem. Afr. I. 155.

Cape Colony.

2 **abyssinica**

Veterna abyssinica Lethierry 1881 Ann. Mus. Genova XVI. 280.

Abyssinia.

3 **mimica**

Veterna mimica Distant 1890 C. R. Soc. E. Belg. XXXIV. p. LV.

Kongo.

4 **natalensis**

Pentatoma natalensis Stål 1853 O. V. A. F. X. 219; and 1865
Hem. Afr. I. 156.

Cape Colony.

5 **nigromarginata**

Euschistus nigromarginatus Signoret 1861 A. S. E. France
(3) VIII. 927.

Pentatoma nigromarginata Stål 1865 op. cit. 153; and 1876
Svensk. Vet. Handl. 14. no. 4. p. 76.

Madagascar.

6 **patula**

Veterna patula Distant 1892 Nat. Transv. 250, Pl. III. f. 5.

Transvaal; Mashona-
land.

7 **pugionata**

Mormidea pugionata Stål 1858 O. V. A. F. XV. 313.

Pentatoma do. Stål 1865 Hem. Afr. I. 156.

G^t Namaqualand;
Transvaal.

8 **sanguineirostris**

Cimex sanguineirostris Thunberg 1822 Hem. rostr. cap. II. 4.
C. quadridens Thunberg 1822 l. c.

Pentatoma crudelis [Westwood] 1837 Cat. Hope I. 40.

|| *Cimex pugnax* Germar 1837 Silb. Rev. Ent. V. 167.

Pentatoma do. H-S. 1844 Wanz. VII. 103, f. 712.

P. sanguineirostris Stål 1865 Hem. Afr. I. 154.

Cape Colony; Masho-
naland; Transvaal;
S. Abyssinia.

9 **subrufa**

Pentatoma subrufa Stål 1853 O. V. A. F. X. 219; and 1865
Hem. Afr. I. 155.

Cape Colony; 'Trans-
vaal.

Tripanda.

|| *Panda* Distant 1898 A. M. N. H. (7) II. 299 (type *signitenens*).

Tripanda Berg 1899 Comun. Mus. Buenos Aires I. 78 (new name).

Boeria Kirkaldy 1908 Entom. XLI. 124 (new name).

1 **signitenens***Panda signitenens* Distant 1898 op. cit. 300.

Transvaal; Cape Colony.

Lerida.*Pentatoma* subgen. | *Lerida* Stål 1865 Hem. Afr. I. 170 (type *rubicunda*).*Lerida* Karsch 1894 Stett. E. Z. 100 (new name).*Menuthias* Kirkaldy 1904 Entom. XXXVII. 280 (new name).1 **annulicornis***Mormidea annulicornis* Signoret 1861 A. S. E. France (3)

VIII. 927.

Pentatoma petulans Stål 1865 Hem. Afr. I. 171 (new name).

Madagascar.

2 **bolivari***Lerida bolivari* Schouteden 1904 Mem. S. Españ. N. H. I. 146.

Guinea.

3 **fusca***Lerida fusca* Bergroth 1907 Русск. Эн. Общ. (for 1906) 145.

Nossi-Be Is. (near Madagascar).

4 **pallesceus***Pentatoma pallescens* [Westwood] 1837 Cat. Hope I. 41.*Lerida* do. Distant 1900 P. Zool. S. London 812, Pl. LII. f. 10.

Gambia.

5 **pugnax***Lerida pugnax* Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 77.

Zanzibar.

6 **punctata***Pentatoma punctata* Palisot Beauvois 1805 Ins. Afr. Amér.

84, Hém. Pl. 7. f. 6; Stål 1865 Hem. Afr. I. 171.

Mormidea ? unisignata Walker 1867 Cat. Het. II. 261.

Guinea; Kalabar; Kamerun.

7 **rubicunda***Pentatoma rubicunda* Stål 1865 op. cit. 170.

Madagascar.

8 **sudana***Lerida sudana* Distant 1900 Ent. Mo. Mag. (2) XI. 82.

Kongo.

Caura.*Pentatoma* subgen. *Caura* Stål 1865 Hem. Afr. I. 168 (type *pugillator*): (table of 7 spp. — Karsch 1892 Ent. Nachr. XVIII. 165).1 **azurea***Cimex azureus* Fabricius 1794 Ent. Syst. IV. 110.*Caura azurea* Stål 1868 Svensk. Vet. Handl. 7. no. 11. p. 24.

Guinea.

2 **bipartita***Pentatoma bipartita* Signoret 1851 Rev. Mag. Zool. 444; Stål 1865 Hem. Afr. I. 169.

Guinea; Kongo.

3 **excelsa***Caura excelsa* Distant 1880 T. E. S. London 149, Pl. 5. f. 4.*C. insignis* Schouteden 1902 Wien. E. Z. XXI. 234.var. (b) *limbata* Horváth 1904 Ann. Mus. Hung. II. 257.

Kalabar; Kamerun.

4 **intermedia***Caura intermedia* Distant 1901 A. S. E. Belg. XLV. 29.

Kongo.

5 **marginata***Caura marginata* Distant 1880 T. E. S. London 150, Pl. 5. f. 5.

Kalabar.

6 **modesta***Caura modesta* Horváth 1892 Termész. füzetek. XV. 256.

Centr. Africa.

7 **orata***Caura orata* Karsch 1894 Stett. E. Z. LV. 112.

Kamerun.

8 **pugillator***Cimex pugillator* Fabricius 1781 Spec. Ins. II. 348.*Halys jaculus* Fabricius 1803 Syst. Rh. 181.*Pentatoma maculata* Signoret 1851 Rev. Mag. Zool. 443.*P. pugillator* Stål 1865 l. c. 168.

Guinea; Sierra Leone; Ashanti; Kongo.

- 9 **pulchra** Kamerun.
Caura pulchra Haglund 1894 O. V. A. F. LI. 403.
 10 **rufiventris** Angola; Cape Colony;
Cimex rufiventris Germar 1837 Silb. Rev. Ent. V. 167. Natal; Transvaal;
Pentatoma rufiventris H-S. 1844 Wanz. VII. 96. f. 757—58. Nyasaland.
P. rufiventris Stål 1865 Hem. Afr. I. 169.
 12 **superba** Kamerun.
Caura superba Karsch 1892 Ent. Nachr. XVIII. 164.
C. caura Lethierry et Severin 1893 Cat. Hém. I. 131 (laps. cal.).

Erlangerella.

Schouteden 1905 A. S. E. Belg. XLIX. 13 (type *pulchra*).

- 1 **pulchra** Abyssinia.
Erlangerella pulchra Schouteden l. c.

Proxys.

- Proxys* Spinola 1837 Essai 325; Stål 1867 O. V. A. F. XXIV. 527; and 1872 Svensk. Vet. Handl. 10. no. 4. p. 29 (type *victor*).
Prooxys Amyot et Serville 1843 Hém. 139 ("emend").
Proxis Spinola 1850 Mem. soc. ital. Modena XXX. 36 (laps. cal.).
 1 **albopunctulatus** Brazil; Grenada; St.
 — — Stoll Pun. f. 159 a. 230. Vincent; Southern
Pentatoma albopunctulata Palisot Beauvois 1805 Ins. Afr. United States; Pa-
 Amér. 130, Hém. Pl. 9. f. 8. nama.
Cimex victor H-S. 1837 Wanz. IV. 21, f. 369 (not Fabr.).
 Hab. "swampy forest near the sea-shore, where the mangrove-
 tree flourishes".
 2 **obtusicornis** Colombia.
Proxys obtusicornis Stål 1872 l. c.
 3 **punctulatus** United States; Cuba;
Halys? punctulata Pal. Beauv. 1805 op. cit. 188, Pl. 11. f. 9. Hispaniola; Mexico;
Cimex victor Wolff 1811 Ic. Cim. V. 176. f. 175 (not Fabr.). Guatemala; Nicara-
Pentatoma tenebrosa Say 1832 New sp. N. Amer. Ins. (N. gua; Fr. Guiana; Br.
 Harm.) 8; and 1859 Compl. Wr. I. 304. Honduras; Costa
Prooxys delirator Amyot et Serville 1843 Hém. 140, Pl. 3. f. 7. Rica.
 (not Fabr.).
P. brevispinus Guérin 1857 Sagra's Cuba, Ins. 371.
Proxys geniculata Stål 1862 Stett. E. Z. XXIII, 102.
P. punctulatus Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 29.
 Feeds on *Aletia* [Lepid.].
 Foodplant: Cotton (Ashmead 1895 Ins. Life VII. 320).
 4 **victor** Mexico; Guatemala;
Cimex victor Fabricius 1775 Syst. Ent. 705. Nicaragua; An-
Proxys do. Stål 1872 l. c.; Distant 1880 B. C. A., Het. I. 62, tilles; Panama; Co-
 Pl. 5. f. 18. lombia; Brazil;
 Trinidad.

Mecocephala.

- Dallas 1851 List 152 a. 180; Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 30 (type
acuminata).
 1 **acuminata** Uruguay; Argentine.
Mecocephala acuminata Dallas 1851 l. c., Pl. 6. f. 3; Berg
 1884 Hem. Arg. Add. 25.
 2 **darwini** nov. nom. Paraguay.
Mecocephala sp. Scudder 1890 Rep. U. S. Geol. Surv. XIII.
 464, Pl. 28. f. 8. of Colorado.
 Miocene of Colorado.
 3 **rubripes**
Mecocephala rubripes Berg 1894 Ann. Mus. Montevideo I. 18.

Tibraca.

Stål 1860 Svensk. Vet. Handl. 2. no. 7. p. 18; 1867 O. V. A. F. XXIV. 526; and 1872 Svensk. Vet. Handl. 10. no. 4. p. 30 (type *limbatiiventris*).

1 **fusca**

Tibraca fusca Haglund 1868 Stett. E. Z. XXIX. 151; Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 30.

2 **limbatiiventris**

Brazil.

Tibraca limbatiiventris Stål 1860 op. cit. 2. no. 7. p. 19; Berg 1879 Hem. Arg. 48.

|| *Mormidea basalis* Walker 1868 Cat. Het. III. 553.

M. walkeri Lethierry et Severin 1893 op. cit. 124 (new name).

Ogmocoris.

Ogmocoris Mayr 1864 Verh. zool. bot. Ges. Wien XIV. 908; and 1866 Novara Exp., Zool. II (2). p. 34; Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 30 (type *hypomelas*).

|| *Ansa* Walker 1868 Cat. Het. III. 548 (type *distincta* = *hypomelas*).

1 **hypomelas**

Brazil.

Atelocerus hypomelas Burmeister 1835 Handb. Ent. II. 362; H-S. 1844 Wanz. VII. 50.

Ansa distincta Walker l. c.

Coenus.

Coenus Dallas 1851 List 194 a. 230; Stål 1867 O. V. A. F. XXIV. 526 (type *tarsalis* = *delius*).

Caenus Leth. et Sev. 132 (laps. cal.).

1 **delia**

Canada:

Pentatoma delia Say 1832 Descr. Het. Hem. 8; and 1859 United States. Compl. Wr. I. 320.

Hymenarcys aeruginosa Amyot et Serville 1843 Hém. 125.

Coenus tarsalis Dallas 1851 List 230, Pl. 8. f. 6.

C. punctatissimus Vollenhoven 1868 Versl. Ak. Amst. Nat. (2) II. 183.

Capivaccius.

Distant 1893 B. C. A., Het. I. 456 (type *bufo*).

1 **bufo**

Panama.

Capivaccius bufo Distant op. cit. 457, Pl. 39. f. 21.

Crato.

Distant 1893 l. c. (type *urbicus*).

1 **urbicus**

Guatemala.

Crato urbicus Distant 1893 l. c., Pl. 39. f. 22.

Hymenarcys.

Amyot et Serville 1843 Hém. 124; Stål 1867 O. V. A. F. XXIV. 526 (type *punctata* = *nervosa*).

Hymenarcis Spinola 1850 Mem. soc. ital. Modena XXV. 36 (laps. cal.).

1 **aequalis**

United States.

Pentatoma aequalis Say 1832 Descr. Het. Hem. 7; and 1859 Compl. Wr. I. 319.

|| *Cimex dentatus* H-S. 1840 Wanz. V. 64, f. 507.

Pentatoma bozura Dallas 1851 List 244.

Hymenarcys aequalis Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 30.

2 **nervosa**

Canada;

Pentatoma nervosa Say 1832 Descr. op. cit. 9; and 1859 United States. Compl. Wr. I. 321.

P. pennsylvanica [Westwood] 1837 Cat. Hope I. 35.

Hymenarcys perpunctata Amyot et Serville 1843 l. c.
H. nervosa Stål 1872 op. cit. 31.
 § Uhler 1876 Bull. U. S. Geol. Surv. II. 287 (glandular odour etc.).
 § Schwarz 1891 P. E. S. Wash. II. 70 (deformed antennae).
 Foodplant: Cotton.

3 **crassa**

Hymenarcys crassa Uhler 1897 T. Maryland Ac. Sci. I. 387.

Arizona.

4 **reticulata**

Hymenarcys reticulata Stål 1872 Svensk. Vet. Handl. 10. no. 4.
 p. 30; Distant 1880 B. C. A., Het. I. 63, Pl. 6. f. 17.

Mexico.

Adria.

Stål 1876 Svensk. Vet. Handl. 14. no. p. 58 (type *parvula*).

1 **parvula**

Pentatoma parvula Dallas 1851 List 246.

Adria parvula Bergroth 1891 Rev. Ent. X. 203; Distant 1902
 Faun. Ind. Rh. I. 139, f. 80.

Pentatoma brevivittata Walker 1867 Cat. Het. II. 312.

P. (?) brevivitta Leth. et Sev. 197 (laps. cal.).

India; Burma; Senegal.

2 **sobrina**

Adria sobrina Bergroth 1893 J. Sci. Lisboa (2) X. 122.

C. Verde Isl.

Diploxys.

Diploxys Amyot et Serville 1843 Hém. 138; Stål 1865 Hem. Afr. i. 126; and 1876
 Svensk. Vet. Handl. 14. no. 4. p. 78 (type *senegalensis* = *acanthura*).

subgen. (b) *Ancyrocoris* Mayr 1864 Verh. zool. bot. Ges. Wien XIV. 911; Stål
 1876 l. c. (type *cordofanus*).

subgen. (c) *Coponia* Stål 1865 Hem. Afr. I. 127; 1876 Svensk. op. cit. 78 (as
 subg.) (type *rostrata* = *capensis*).

subgen. (d) *Paracoponia* Horváth 1892 Termész. füzetek. XV. 257 (as subg.) (type
holubi).

(a) subgen. typ.

1 **acanthura**

Megarhynchus acanthurus [Westwood] 1837 Cat. Hope I. 20.

Diploxys senegalensis Amyot et Serville l. c.

Dichelops || *fissus* H-S. 1844 Wanz. VII. 72, f. 743.

Diploxys acanthura Stål 1865 Hem. Afr. I. 128.

Senegal; Gambia.

2 **bipunctata**

Diploxys bipunctata Amyot et Serville 1843 Hém. 138; Stål
 1865 Hem. Afr. I. 128; and 1876 Svensk. Vet. Handl.

14. no. 4. p. 78.

Gonopsis bimaculata Stål 1858 O. V. A. F. XV. 134.

Senegal; Br. Bechuanaland.

3 **fallax**

Diploxys fallax Stål 1865 op. cit. 129.

Cape Colony; Transvaal; Nossi-be (off Madagascar).

4 **fissa**

† *Cimex fissa* Erichson 1842 Preisverz. Berlin. Mus. 12; and
 1859 Stett. E. Z. XX. 86.

Diploxys acutispina Amyot et Serville 1843 l. c.

D. fissa Stål 1865 l. c.

Senegal.

5 **niamensis**

Diploxys niamensis Distant 1890 C. R. S. E. Belg. XXXIV.
 p. LVI.

Kongo.

(b) subgen. *Ancyrocoris*.6 **cordofana**

Ancyrocoris cordofanus Mayr 1864 l. c.

Diploxys do. Stål 1866 Hem. Afr. IV. 253; and 1876 Svensk.
 Vet. Handl. 14. no. 4. p. 78.

Senegal; Brit. Sudan; Madagascar.

(c) subgen. *Coponia*.

- 7 *cornuta*
Diploxys cornuta Distant 1898 A. M. N. H. (7) II. 300¹⁾. Transvaal.
- 8 *hastata*
Aelia hastata Fabricius 1803 Syst. Rh. 189. Senegal; Cape Colony; Transvaal.
Diploxys confusa Stål 1865 Hem. Afr. I. 127.
- 9 *capensis*
 || *Cimex rostratus* Fabricius 1781 Spec. Ins. II. 363. Cape Colony; Natal.
Lygaeus do. Fabricius 1794 Ent. Syst. IV. 150.
Aelia hastata H-S. 1844 Wanz. VII. 90, f. 752 (not Fabricius).
Megarhynchus (?) *capensis* Dallas 1851 List 362.
- 10 *thoracica*
Diploxys thoracica Distant 1898 op. cit. 307. Mashonaland.
- 11 *waterbergensis*
Diploxys waterbergensis Distant 1902 Ann. S. Afr. Mus. II. 252. Transvaal.

(d) subgen. *Paracoponia*.

- 12 *holubi*
Diploxys holubi Horváth 1892 l. c. Centr. Africa.

Bonacialis.

- Distant 1901 Entom. XXXIV. 346; and 1902 Faun. Ind. Rh. I. 136 (type *dixonii*).
- 1 *dixonii*
Bonacialis dixonii Distant 1901 Entom. XXXIV. 347; and India (Bombay).
 1902 Faun. Ind. 137, f. 77.

Gulielmus.

- Distant 1901 Entom. XXXIV. 347; and 1902 Faun. Ind. Rh. I. 136 a. 137 (type *laterarius*).
- 1 *laterarius*
Gulielmus laterarius Distant 1901 Entom. l. c.; and 1902 Faun. W. India.
 Ind. 137, f. 78.
- 2 *marmoratus*
Gulielmus marmoratus Distant 1901 Entom. l. c.; and 1902 W. India.
 Faun. Ind. 138.

Gastroxys.

- Horváth 1904 Ann. Mus. Hung. II. 257 (type *funerea*).
- 1 *funerea*
Gastroxys funerea Horváth 1904 op. cit. 258. German E. Africa.

Steleocoris.

- Steleocoris* Mayr 1864 Verh. zool. bot. Ges. Wien XIV. 909 (type *comma*).
- || *Antonia* Stål 1865 Hem. Afr. I. 78 a. 125 (same type).
- 1 *comma*
Cimex comma Thunberg 1783 Nov. Ins. sp. II. 41, Pl. 2 f. 56. Cape Colony; (?Natal); Transvaal.
Dichelops do. H-S. 1844 Wanz. VII. 73, f. 744.
Antonia do. Stål 1865 Hem. Afr. I. 126.

Hypaulacus.

- Spinola 1850 Mem. soc. ital. Modena. XXV. 37, and sep. 94 (type *nervosus*).
- 1 *spinolanus* nom. nov.
 || *Cimex nervosus* Germar 1837 Silb. Rev. Ent. V. 169. Cape Colony.
Hypaulacus do. Spinola 1850 op. cit. sep. p. 96.

¹⁾ This and *waterbergensis* probably belong to this subgenus but the descriptions are imperfect.

Curatia.

Curatia Stål 1865 Hem. Afr. I. 78 a. 130 (type *denticornis*).

Copeocoris Mayr 1866 Verh. zool. bot. Ges. Wien XVI. 363; and Novara Exp., Zool. II (2) 55 (type *abscissus* = *truncaticornis*).

denticornis

—? [prob. not Africa].

Curatia denticornis Stål 1865 op. cit. 130.

truncaticornis

Brazil; Argentine;

Curatia truncaticornis Stål 1865 l. c.

Uruguay [Africa

Copeocoris abscissus Mayr 1866 Verh. zool. bot. Ges. Wien

in error].

XVI. 363; and Novara Exp., 57, f. 10.

Acoloba.

Acoloba Spinola 1850 op. cit. 36; (type *lanceolata*).

Dichelocephala Stål 1853 O. V. A. F. X. 226; and 1865 Hem. Afr. I. 131 (same type).

lanceolata

Transvaal; Cape Co-

Aelia lanceolata Fabricius 1803 Syst. Rh. 189.

lony; Guinea;

A. (?) gracilis A. White 1842 T. E. S. London III. 91.

Kongo.

Dichelocephala virescens Stål 1853 O. V. A. F. X. 226.

D. lanceolata Stål 1865 Hem. Afr. I. 131.

malleata

Portuguese E. Africa.

Acoloba malleata Distant 1900 Ent. Mo. Mag. (2) XI. 82.

Scylax.

Distant 1887 T. E. S. London 345; and 1902 Faun. Ind. Rh. I. 160 (type *porrectus*)¹.

macrinus

N. India.

Scylax macrinus Distant 1887 T. E. S. London 346, Pl. 12.

f. 9; and 1902 Faun. cit. 161.

porrectus

"India."

Scylax porrectus Distant 1887 Trans. cit. 345, Pl. 12. f. 7;

and 1902 Faun. cit. 161, f. 97.

Geomorpha.

Bergroth 1893 J. Sci. Lisboa (2) X. 124 (type *tuberculosa*).

junodi

Natal.

Geomorpha junodi Distant 1904 A. M. N. H. (4) XIII. 350.

tuberculosa

Angola.

Geomorpha tuberculosa Bergroth l. c.

Tyoma.

Tyoma Spinola 1850 Mem. soc. ital. Modena XXV. 37 and sep. 95 (type *erythro-*
rhyncha = *cryptorhynchus*).

Oxycoris Mayr 1864 Verh. zool. bot. Ges. Wien XIV. 909 (type *cryptorhynchus*).

Camara Walker 1867 Cat. Het. I. 237 (type *limosa* = *cryptorhynchus*).

cryptorhyncha

Cape Colony; Mash-
onaland; Natal.

Cimex cryptorhynchus Germar 1837 Silb. Rev. Ent. V. 169.

Dichelops do. H-S. 1844 Wanz. VII. 74, f. 742.

Tyoma erythrorhyncha Spinola 1850 op. cit. sep. 99.

Arma nanula Walker 1867 Cat. Het. I. 139.

Camara limosa Walker 1867 op. cit. 237.

porrecta

Kamerun.

Tyoma porrecta Distant 1881 P. Zool. S. London 271, Pl. 31.

f. 2; Haglund 1894 O. V. A. F. LI. 404.

verrucosa

Nigeria.

Tyoma verrucosa Montandon 1894 A. S. E. Belg. XXXVIII. 628.

¹) This has remarkable general resemblance to certain Phyllocephalinae; its position however is uncertain as the describer does not mention the length of the first segment of the labium.

Aeschrus.

Aeschrus Spinola 1850 op. cit. 37, and sep. 96 (type *inaequalis*).

Eurhinocoris Stål 1853 O. V. A. F. X. 214; and 1865 Hem. Afr. I. 89 (type *stramineipes* = *inaequalis*).

1 inaequalis

Cape Colony; Transvaal.

Aeschrus inaequalis Spinola 1850 op. cit. sep. 98.

Eurhinocoris stramineipes Stål 1853 O. V. A. F. 214.

E. inaequalis Stål 1865 Hem. Afr. I. 89.

Aeliomorpha.

|| *Tetratoma* Signoret 1851 A. S. E. France (2) IX. 339 (type *senegalensis*).

Aeliomorpha Stål 1858 O. V. A. F. XV. 313; and 1876 Svensk. Vet. Handl. 14 no. 4. p. 79 (type *simulans*).

Pentatoma subgen. *Aeliomorpha* Stål 1865 Hem. Afr. I. 176.

1 bella

Cape Colony; Transvaal.

Aelia bella Stål 1853 O. V. A. F. X. 217.

Pentatoma do. Stål 1865 Hem. Afr. I. 176.

Aeliomorpha do. Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 80.

2 caffrae

Cape Colony.

Pentatoma caffrae [Westwood] 1837 Cat. Hope I. 36.

Aeliomorpha caffra Leth. et Sev. 135 (laps. cal.).

3 divisa

W. Africa.

Sciocoris divisus Walker 1867 Cat. Het. I. 175.

4 griseoflava

Cape Colony.

Aelia griseoflava Stål 1853 Oefv. cit. 218.

Pentatoma do. Stål 1865 Hem. Afr. I. 174.

5 lineatocollis

✓ India.

Pentatoma lineatocollis [Westwood] l. c.

Aeliomorpha lineaticollis Distant 1902 Faun. Ind. Rh. I. 139, f. 79 (laps. cal.).

6 nasica

German East Africa; Cape Colony.

Aeliomorpha nasica Gerstäcker 1873 Decken's Reise Ost-Afrika. III (2). 399.

7 natalicola

Cape Colony; Natal; Transvaal.

Aelia natalicola Stål 1853 Oefv. cit. 218.

Pentatoma do. Stål 1865 Hem. Afr. I. 174.

8 pumila

Cape Colony.

Aelia pumila Stål 1853 Oefv. cit. 218.

Pentatoma do. Stål 1865 Hem. Afr. I. 174.

9 scutellata

Transvaal.

Aeliomorpha scutellata Distant 1898 A. M. N. H. (7) II. 300.

10 senegalensis

Senegal.

Tetratoma senegalensis Signoret 1851 A. S. E. France (7) IX. 340, Pl. 10. f. 8.

Pentatoma do. Stål 1865 op. cit. 173.

11 simulans

German S. W. Africa.

Aeliomorpha simulans Stål 1858 O. V. A. F. XV. 313.

Pentatoma do. Stål 1865 Hem. Afr. I. 175.

12 viridis

Madagascar.

Aeliomorpha viridis Reuter 1887 Ent. Tijdschr. VIII. 83; Bergroth 1905 A. S. E. Belg. XLIX. 369.

Aeschrocoris.

|| *Aeschrus* Dallas 1851 List 194 a. 220 (type *obscurus*).

Aeschrocoris Bergroth 1887 Ent. Nachr. XIII. 15* (new name).

1 **ceylonicus**

Aeschrocoris ceylonicus Distant 1899 A. M. N. H. (7) IV. 439;
and 1902 Faun. Ind. Rh. I. 163.

Ceylon.

2 **nodiventrīs**

Aeschrocoris nodiventrīs Breddin 1900 Stett. E. Z. LXI. 299.

Sumatra; Java.

3 **obscurus**

Aeschrus obscurus Dallas 1851 List 221, Pl. 8. f. 4.
Aeschrocoris do. Distant 1902 op. cit. 162, f. 98.

N. India; Assam;
Burma; Tenasserim;
Java.

4 **testudinarius**

Aeschrus testudinarius Walker 1867 Cat. Het. II. 268.

— ?

5 **tuberculatus**

Aeschrus tuberculatus Stål 1865 A. S. E. France (4) V. 169.
Aeschrocoris do. Distant 1902 op. cit. 163.

N. India; Assam;
Burma.

Dandinus.

Distant 1904 A. M. N. H. (7) XIII. 264 (type *crassus*).

1 **crassus**

Dandinus crassus Distant op. cit. 265.

N. Queensland.

Lubentius.

Stål 1867 O. V. A. F. XXIV. 517 (type *marginellus*).

1 **marginellus**

Pentatoma marginella [Westwood] 1837 Cat. Hope I. 45.

"Australia."

Aelia.

Aelia Fabricius 1803 Syst. Rhyng. 188; Fieber 1868 Verh. zool. bot. Ges. Wien XVIII. 465; Horváth 1903 Ann. Mus. Hung. I. 404 (type *acuminata*).
Oelia Laporte 1832 Essai 55 (laps. cal.).

1 **acuminata**

Cimex acuminatus Linneus 1758 Syst. Nat. (Ed. X) 446.
C. rostratus de Geer 1773 Mem. III. 271, Pl. 14. f. 12—13.
C. tessarophthalmus Schrank 1781 Enum. Ins. Austr. 277.
Aelia pallida Küster 1852 Stett. E. Z. XIII. 394, Pl. 3. f. 4.
A. acuminata Douglas and Scott 1865 Br. Hem. I. 68, Pl. 2. f. 6; Fieber 1868 Verh. zool. bot. Ges. Wien XVIII. 467, Pl. V. f. 1; Fairmaire 1884 Deyrolle's H. N. France XI, Pl. 2. f. 2; Saunders 1892 Hem. Het. Brit. Isl. 23, Pl. 2. f. 3.

Europe; N. Africa;
Syria; Persia; Tur-
kestan; Siberia;
(? Madeira).

var. (b) **burmeisteri**

Aelia burmeisteri † Küster 1852 op. cit. 393, Pl. 3. f. 3;
Fieber 1868 l. c., Pl. V. f. 2.

Spain; Italy; Ger-
many; S. Russia.

§ Giebel's Zeitschr. (3) III. 362 (?) (damage to ears of rye).
§ Dufour 1833 Mém. Sav. étr. Paris IV. 159 a. 369 (anatomy).
Foodplants: *Juniperus communis*; Rye; barley; wheat; clover;
grasses.

2 **albovittata**

Aelia albovittata Fieber 1868 op. cit. 476, Pl. 6. f. 11.

Syria; Asia minor.

3 **americana**

Aelia americana Dallas 1851 l. c. 223.

Quebec; Manitoba;
Montana; Nebraska;
Dakota; Colorado.
Kashgaria.

4 **aspera**

Aelia aspera Jakovlev 1903 Русск. Эн.т. Обзор. III. 2.

5 **cognata**

Aelia cognata Fieber 1868 op. cit. 471, Pl. 5. f. 6.

Spain; S. France;
Italy.

6 **eribrosa**

Aelia eribrosa Fieber 1868 op. cit. 475, Pl. 6. f. 10.

Spain.

- 7 **feberi**
Aelia feberi Scott 1874 A. M. M. H. (4) XIV. 297. Japan.
- 8 **furcula**
Aelia furcula Fieber 1868 op. cit. 473, Pl. 6. f. 8; Reuter 1900 Oefv. Finsk. Förh. XLII, 231, textf. 1 (on. p. 239). Dalmatia; S. Russia
A. similima Reuter 1900 op. cit. 233; textf. 2 a. 3. Asia minor; Turkestan.
§§† Sokolov 1904 Dep. für Ackerbau Petersb., 48 pp., 2 Pls. (cf. Ent. Litteraturbl. IV. 184).
- 9 **germari**
Aelia germari Küster 1852 op. cit. 389, Pl. 3. f. 1; Fieber 1868 op. cit. 469, Pl. 5. f. 4. Dalmatia; Italy; Morocco.
- 10 **glebana**
Aelia rostrata var. *glebana* Ferrari 1874 Ann. Mus. Genova VI. 126. Europe; Asia minor
var. (b) **confusa** nov.
Cimex acuminatus Panzer 1796 Faun. Germ. XXXII 17 (not Linneus).
Aelia acuminata Hahn 1833 Wanz. I. 120, f. 63; Blanchard 1840 Hist. Nat. III. 154, Pl. VII. f. 5; † Küster 1852 op. cit. 392, Pl. 3. f. 2.
A. rostrata Boheman 1852 O. V. A. F. IX. 50; Fieber 1868 op. cit. 474, Pl. 6. f. 9 (not de Geer).
Foodplant: *Plantago cynops*.
- 11 **granum**
Aelia granum Jakovlev 1903 op. cit. 1. Turkestan.
Foodplant: Graminaceae.
- 12 **klugii**
Aelia klugii Hahn 1833 Wanz. I. 122, f. 64. Europe; Siberia.
A. klugi Fieber 1868 op. cit. 468, Pl. 5. f. 3.
A. acuminata A. Costa 1847 Atti Sci. Napoli VII. 391, Pl. V. f. 8 (not Linneus).
A. neglecta Dallas 1851 List 223.
Foodplants: Graminaceae; under *Genista*; [? in pine woods].
- 13 **melanota**
Aelia melanota Fieber 1868 op. cit. 470, Pl. 5. f. 5 (= ♂); Russia; Turkestan.
Reuter 1900 op. cit. 229.
A. obtusa Fieber 1868 op. cit. 472, Pl. 6. f. 7 (= ♀).
- 14 **notata**
Aelia notata Rey 1887 Échange p. ? ; and 1888 Rev. Ent. VII. 92. France; Turkestan.
- 15 **sibirica**
Aelia sibirica Reuter 1886 Oefv. Finsk. Förh. XXVI. 31. Italy; Illyria; S. Russia;
A. henschi Montandon 1886 Rev. Ent. V. 110. Siberia; China.
- 16 **syriaca**
Aelia syriaca Horváth 1903 Ann. Mus. Hung. I. 403. Syria.
- 17 **triticiperda**
Aelia triticiperda Pomel 1889 C. R. Ac. Sci. CVIII. 576. Spain; Algeria.
Foodplant: *Triticum*.
- 18 **turanica**
Aelia turanica Horváth 1895 Termész. füzet. XVIII. 221. Turkestan.
- 19 **virgata**
Aelia virgata Klug 1845 Symb. Phys. V. Pl. 43. S. Russia; Turkey;
A. virgata H.-S. 1841 Wanz. VI. 67, f. 632; Fieber 1868 op. cit. 477, Pl. 6. f. 12 (as n. sp.). Greece; Syria;
Asia minor.
Hab. Cornfields.

Neottiglossa.

Pentatoma subgen. *Neottiglossa* W. Kirby 1837 Rich. Faun. bor. Amer. IV. 276 (type *trilineata* = *undata*).

Aelioides A. Dohrn 1860 Stett. E. Z. XXI. 101 (type *inflexa*).

Platysolen Fieber 1860 Eur. Hem. 82 (type *griseus*! = *flavomarginata*).

Neottiglossa Jakovlev 1903 Hor. Soc. Ent. Ross. XXXVI. 325—7 (table of 10 palaearctic species).

subgen. (b) **Texas**

† *Melanostoma* Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 18 (type *sulcifrons*).

Texas Kirkaldy 1904 Entom. XXXVII. 280 (new name).

(a) subgen. typ.

- 1 **bifida** Mediterranean basin.
Aelia *bifida* A. Costa 1847 (?) Atti Sci. Nat. Napoli VII. 391,
 Pl. V. f. 9.
Neottiglossa *do.* Puton 1881 Syn. Hém. France II. 49.
- 2 **calva** Siberia.
Neottiglossa calva Jakovlev 1903 H. S. E. Ross. XXXVI. 319 a. 326.
- 3 **cephalotes** S. Russia.
Neottiglossa cephalotes Jakovlev 1903 op. cit. 327 a. 330.
- 4 **compta** S. Russia.
Neottiglossa compta Jakovlev 1903 op. cit. 327 a. 329.
- 5 **flavomarginata** Mediterranean basin.
Pentatoma flavomarginata Lucas 1849 Expl. Alg., Artic. III.
 89, Pl. 3. f. 10.
Platysolen griseus Fieber 1861 Eur. Hem. 353.
Aelioides albomarginata Mulsant et Rey 1866 A. S. Linn.
 Lyon (2) XIV. 66 (not Lucas).
Neottiglossa flavomarginata Puton 1881 op. cit. 47.
- 6 **leporina** Europe; Asia minor;
Turkestan; Siberia.
Pentatoma leporina H.-S. (?) Faun. Germ. 113.
Platysolen leporinus Fieber 1861 op. cit. 354.
Neottiglossa leporina Puton 1881 op. cit. 48.
 Foodplant: *Genista*.
- 7 **metallica** Siberia.
Neottiglossa metallica Jakovlev 1876 Bull. S. N. Moscou L. 88;
 and 1903 H. S. E. Ross. XXXVI. 326.
- 8 **nigella** Siberia.
Neottiglossa nigella Jakovlev 1903 op. cit. 326 a. 328.
- 9 **pusilla** Europe; Siberia.
Cimex griseus nigropunctatus de Geer 1773 Mém. III. 270
 (not bin).
C. pusillus Gmelin 1789 Syst. Nat. (Ed. XIII). 2160.
 † *C. perlatus* Panzer 1796 Faun. Germ. XXXIII, f. 182.
C. inflexus Wolff 1811 Ic. Cim. 183, Pl. 18. f. 182.
Eysarcoris do. Hahn 1835 Wanz. II. 129, f. 210.
Aelioides inflexa Douglas and Scott 1865 Br. Hem. I. 71,
 Pl. 2. f. 7.
 † *Aelia panzeri* Krynicki 1871 Тр. Харьк. Общ. Исп.
 Прир. IV. 75.
Neottiglossa pusilla Jakovlev 1903 op. cit. 327.
- var. (b) **lineolata** Spain; S. France; S.
Hungary; S. Russia.
Pentatoma lineolata Mulsant et Rey 1852 A. S. Linn. Lyon 84.
Neottiglossa inflexa var. *lineolata* Puton 1881 op. cit. 48.
- var. (c) **obscura** N. Russia; Lapland.
Platysolen obscurus J. Sahlberg 1870 Not. Sällsk. Faun.
 Fenn. XI. 281.

Neottiglossa pusilla var. *obscura* Reuter 1900 Oefv. Finsk. Förh. XLII. 233.

Foodplants: *Carex*; *Compositae*; *Umbelliferae*.

10 **seorsa**

Neottiglossa seorsa Jakovlev 1903 op. cit. 326 a. 327.

Russia.

11 **undata**

Pentatoma undata Say 1832 Descr. Het. Hem. 8; and 1859 Compl. Writ. I. 319.

Canada; United States.

Neottiglossa undata Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 18; Uhler 1878 P. Boston S. N. H. XIX. 376; Van Duzee 1904 T. Amer. E. S. XXX. 49.

var. (b) **trilineata**

Pentatoma trilineata W. Kirby 1837 op. cit. 276, Pl. 6. f. 6; and 1878 Can. Ent. X. 138.

Neottiglossa do. Uhler 1877 Bull. U. S. Geol. Surv. III. 401.

(b) subgen. **Texas**.

12 **cavifrons**

Neottiglossa cavifrons Stål 1872 l. c.; Van Duzee 1904 l. c.

California; Utah; Texas.

13 **sulcifrons**

Neottiglossa sulcifrons Stål 1872 l. c.; Van Duzee 1904 op. cit. 50.

United States.

Cosmopepla.

Stål 1867 O. V. A. F. XXIV. 525; Montandon 1893 P. U. S. Mus. XVI. 45 (type *carnifex* = *lintneriana*).

1 **binotata**

Cosmopepla binotata Distant 1889 B. C. A. Het. I. 327, Pl. 31. f. 7; Montandon 1893 op. cit. 46; Van Duzee 1904 T. Amer. E. S. XXX. 51.

Mexico; Wisconsin.

2 **lintneriana** nom. nov.

|| *Cimex carnifex* Fabricius 1798 Ent. Syst. suppl. 535; Coquebert 1801 Ill. II. 81, Pl. 19. f. 3.

Eysarcoris do. Hahn 1834 Wanz. II. 117, f. 197.

|| *Pentatoma bimaculata* Thomas 1865 T. Illinois State Agr. Soc. V. 455.

Canada; United States (mostly east of the Rocky Mts.).

Cosmopepla carnifex Montandon 1893 l. c.; Lugger 1900 Rep. Minn. Agr. Sta. VI. 91, f. 89; Van Duzee 1904 op. cit. 50.

§ Lintner 1886 Rep. Ent. N. York II. 141—48, f. 36 (*n—a*).

§ Webster 1888 Ins. Life I. 157—58 (*o*; habits).

§ Howard 1898 Bull. U. S. Ent. n. s. XVIII. 100—1.

Foodplants: *Scrophularia nodosa*; *Ranunculus*; Currant; Blackberry; mint; mullein; potato; raspberry; thistle.

3 **coeruleata**

Cosmopepla coeruleata Montandon 1893 op. cit. 46—47.

Costa Rica; Venezuela.

4 **conspicillaris**

Eysarcoris conspicillaris Dallas 1851 List 225.

Cosmopepla do. Distant 1880 op. cit. 53, Pl. 5. f. 8; Montandon 1893 l. c.; Van Duzee 1904 op. cit. 51.

Vancouver Isl. to Mexico and Lower California, mostly west of the Rocky Mts.

5 **cruciaria**

Cosmopepla cruciaria Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 19; Montandon 1893. l. c.

Colombia.

6 **decorata**

Eysarcoris decoratus Hahn 1834 l. c., f. 198.

Cosmopepla decorata Montandon 1893 l. c.; Van Duzee 1904 l. c.

Costa Rica; Guatemala; Mexico; Lower California; Texas; Arizona.

7 **uhleri**

Cosmopepla uhleri Montandon 1893 op. cit. 46 a. 48.

Nevada; California.

Stagonomus.

Pentatoma subdiv. *Stagonomus* Gorski 1852 Anal. Ent. Ross. I. 81 (type *bipunctata* = *amoena*).

Daleria Mulsant et Rey 1866 A. S. Linn. Lyon (2) XIV. 14 (type *pusillus* = *bipunctatus*).

Dalleria Mulsant et Rey 1866 op. cit. 26 (laps. cal.).

Onyilia Mulsant et Rey 1866 op. cit. 31 (type *bipunctata* = *amoena*).

1 *amoenus*

|| *Cimex bipunctatus* Fabricius 1781 Spec. Ins. II. 358; Coquebert 1801 Ill. Icon. 80, Pl. XIX. f. 1.

|| *C. italicus* Gmelin 1789 Syst. Nat. (Ed. XIII). 2157.

Pentatoma amoena Brullé 1832 Exp. Morée 70.

Eysarcoris bipunctatus Hahn 1834 Wanz. II. 68, f. 156; Fieber 1861 l. c.

Onyilia bipunctata Mulsant et Rey 1866 op. cit., Pl. 1. f. 11.

Dalleria do. Puton 1881 op. cit. 54.

Foodplant: *Achillea*.

S. Europe; N. Africa;
Asia minor; Syria;
Persia; Turkestan.

2 *bipunctatus*

Cimex bipunctatus Linneus 1758 Syst. Nat. (Ed. X) p. 444.

Pentatoma consimilis A. Costa 1847 Atti Nat. Napoli VII. 389, Pl. V. f. 5.

Eusarcoris gibbus Fieber 1861 Eur. Hem. 333.

Dalleria pusilla var. *consimilis* Puton 1881 Syn. Hém. France II. 53.

S. France; Spain;
Italy; Greece; Asia
minor; Syria.

3 *grenieri*

Eusarcoris grenieri Signoret 1865 A. S. E. France (4) V. 116.

Dalleria pusilla var. *grenieri* Puton 1881 op. cit. 53.

S. France.

4 *plataspis*

Dalleria plataspis Horváth 1883 Termész. füzet. VII. 22.

Asia minor; Turkestan.

5 *binotatus*

|| *Cimex pusillus* H-S. (?) Faun. Germ. 115.

Eysarcoris binotatus Hahn 1835 Wanz. II. 130, f. 212.

Pentatoma bipunctata A. Costa 1847 l. c., Pl. V. f. 6.

Eusarcoris binotatus Fieber 1861 l. c.

Foodplant: *Verbascum*; *Leonurus*.

Europe.

Sepontia.

Sepontia Stål 1865 Hem. Afr. I. 76 a. 133 —; and 1876 Svensk. Vet. Handl. 14. no. 4. p. 80 (type *misella*).

|| *Caenina* Walker 1867 Cat. Het. I. 82 (type *variolosa*).

1 *aenea*

Sepontia aenea Distant 1883 T. E. S. London 422.

Japan.

2 *formosa*

Sepontia formosa Distant 1903 A. M. N. H. (7) XII. 474.

Malay Pen.

3 *misella*

Bolbocoris misellus Stål 1853 O. V. A. F. X. 211.

Sepontia misella Stål 1865 Hem. Afr. I. 134; and 1876 Svensk. op. cit. 81.

Cape Colony.

4 *pusilla*

Chlaenocoris pusillus Vollenhoven 1863 Faune ent. indo-néerl. I. 45, Pl. 3. f. 11.

Sepontia pusilla Stål 1876 l. c.

Java; Philippines.

5 *stigmatica*

Sepontia stigmatica Distant 1899 op. cit. IV. 439; and 1902 Faun. Ind. Rh. I. 164, f. 99.

var. (b) *fasciata* nov.

= var. Distant l. c.

Ceylon.

6 **variolosa**

Caenina variolosa Walker 1867 l. c.
Sepontia do. Distant 1902 op. cit. 165.

Burma.

Pseudostollia. 37, 364265

Breddin 1901 Abh. Nat. Ges. Halle XXIV. 65; and 1903 Sb. Ges. Nat. Fr. Berlin 206 (type *delicatula*).

1 **delicatula**

Acanthosoma delicatula Walker 1867 Cat. Het. II. 397.
Mormidea erythrospila Walker 1868 op. cit. III. 555.

Celebes.

Eysarcoris 1).

Eysarcoris Hahn 1834 Wanz. II. 66, Pl. LI. figs. B-E.; Douglas and Scott 1865 Brit. Hem. 74; Stål 1872 O. V. A. F. XXXIII. 37 (type *perlatus* = *aeneus*).
Cysarcoris Spinola 1850 Mem. soc. ital. Modena XXV. 35 (laps. cal.).
Eusarcoris Fieber 1860 Eur. Hem. 79 ("emend.")
Stollia Ellenrieder 1862 Nat. Tijdschr. Ned. Ind. XXIV. 149; Stål 1867 O. V. A. F. XXIV. 510; and 1876 Svensk. Vet. Handl. 14. no. 4. p. 81 (type *fuliginosa*).
Eusarcoris T. A. Marshall 1863 Ent. Mo. Mag. IV. 260 a. 281; Douglas and Scott 1876 Cat. Br. Hem. 3; Blanford 1902 Distant, Faun. Ind. Rh. I. 165 ("emend.").
Analocus Stål 1872 O. V. A. F. XXXIII. 36 (type *misellus* = *inconspicuus*).

1 **aenescens**

Hoplistodera aenescens Walker 1867 Cat. Het. II. 266.
Eusarcocoris do. Distant 1902 Faun. Ind. Rh. I. 166.

Borneo; Tenasserim.

2 **aeneus**

Cimex aeneus Scopoli 1763 Ent. Carn. 122.
C. fucatus Rossi 1790 Faun. Etr. II. 235.
C. perlatus Fabricius 1794 Ent. Syst. IV. 125; Wolff 1801 l. c. Cim. 68, Pl. VII. f. 65.
Eysarcoris do. Hahn 1834 op. cit. 67, f. 155.
E. aeneus Douglas and Scott 1865 Brit. Hem. 76; Saunders 1892 Hem. Het. Brit. 26, Pl. 2. f. 6; Rey 1888 Rev. Ent. VII. 94.
Eusarcoris do. Fieber 1861 Eur. Hem. 332.

Europe; N. Africa;
Siberia.var. (b) **spiniicollis**

Eysarcoris perlatus var. *spiniicollis* Puton 1881 Syn. Hém. France II. 56; Rey 1888 l. c.

var. (c) **ventralis**

Eysarcoris perlatus var. *ventralis* Horváth 1881 Termész. füzet. V. 219.

§§ Leuckart 1855 Müller's Arch. 143, Pl. 2. f. 8 (embryology).
 §§ Dohrn 1866 Stett. E. Z. XXVII. 345 etc., Pl. IV. f. 35 (anatomy).

Foodplants: *Leonurus*; *Marrubius*; *Trifolium*.3 **affinis**

Eysarcoris affinis Dallas 1851 List 227.
Stollia do. Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 82 (list.).

Java.

4 **bovillus**

Eysarcoris bovillus Dallas 1851 List 229.
Stollia bovilla Stål 1876 op. cit. 81 (list).
Eusarcoris bovillus Breddin 1900 Stett. E. Z. LXI. 300.

Philippines; Sumatra;
Java.5 **breviusculus**

Eusarcoris brevisculus Jakovlev 1902 Hor. S. E. Ross. XXXV. 598 a. 602.

Cho-sen [= Korea].

6 **capitatus**

Eusarcocoris capitatus Distant 1902 Faun. Ind. Rh. I. 169.

India (Calcutta).

1) I have not able to separate *Stollia* sharply from *Eysarcoris*, though both appear to be good genera.

- 7 **capreolus**
Eysarcoris capreolus Breddin 1900 op. cit. 301. Sumatra.
- 8 **coecus**
Eysarcoris coecus Vollenhoven 1868 Versl. Ak. Amst. Nat. (2) II. 183. Timor.
Stollia coeca Stål 1876 l. c.
- 9 **contentus**
Eysarcoris contentus Walker 1867 Cat. Het. II. 279. Celebes.
- 10 **conterminus**
Eysarcoris conterminus Walker 1867 op. cit. 278. Flores.
- 11 **convectus**
Eysarcoris convectus Walker 1867 op. cit. 277. Jilolo.
- 12 **crucifer**
Stollia crucifera Horváth 1892 Termész. füzet. XV. 257. C. Africa.
- 13 **decisus**
Eysarcoris decisus Walker 1867 l. c. Java.
- 14 **decoratulus**
Eysarcoris decoratulus Breddin 1901 Abh. Ges. Nat. Halle XXV. 44. Celebes.
- 15 **dubius**
Eysarcoris dubius Dallas 1851 List 227. Tenasserim; Ceylon.
Stollia dubia Stål 1876 op. cit. 82 (list).
Eusarcocoris dubius Distant 1902 op. cit. 168.
- 16 **egenus**
Eysarcoris egenus Jakovlev 1900 Hor. S. E. Ross. XXXIV. 521; and 1901 op. cit. XXXV. 602. E. Turkestan.
- 17 **fuliginosus**
Stollia fuliginosa Ellenrieder 1862 op. cit. 150, Pl. III. f. 18. Malacca; Sumatra; Java.
- 18 **geminatus**
Eysarcoris geminatus Vollenhoven 1868 op. cit. 182. Java.
- 19 **gibbosus**
Eysarcoris gibbosus Jakovlev 1904 ^{Re v. Russe Ent.} Русск. Эн. Обозр. IV. 23. Korea.
- 20 **guttiger**
Cimex guttigerus (!) Thunberg 1783 Nov. Ins. sp. II. 32, f. 47. India; Ceylon; Assam; Burma; Tenasserim
Pentatoma nepalensis [Westwood] 1837 Cat. Hope I. 36. Cochin China;
|| *P. punctipes* [Westwood] l. c. China; Japan.
Stollia guttigera Stål 1876 op. cit. 81.
Eusarcocoris guttiger Distant 1902 Faun. Ind. Rh. I. 165.
- 21 **humeralis**
Eysarcoris humeralis Dallas 1851 List 229. Java; Timor; Borneo.
E. lineola Vollenhoven 1868 op. cit. 183.
Stollia humeralis 1876 l. c.
- 22 **inconspicuus**
Pentatoma inconspicuum H-S. 1844 Wanz. VII. 93. S. Europe; Canary
P. pusilla A. Costa 1847 Att. Nat. Nap. VII. 388 (not H-S.). Isles; North Africa
Eysarcoris misellus Stål 1853 O. V. A. F. X. 217. Syria; N. Persia;
Eysarcoris mayeti Mulsant et Rey 1866 A. S. Linn. Lyon. Turkestan; Gold
(pt. typic.). Coast; Senegal;
Pentatoma misella Stål 1865 Hem. Afr. I. 135. Transvaal; Cape
Eysarcoris epistomalis Mulsant et Rey 1866 op. cit. Colony; N. W. India; Philippine
Eysarcoris pseudoaeneus Jakovlev 1869 Hor. S. E. Ross. VI. Isles.
117.
Stollia misella Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 82.
Eysarcoris inconspicuus Puton 1881 Syn. Hém. France II. 55;
Rey 1888 Rev. Ent. VII. 95; Jakovlev 1900 op. cit.
XXXIV. 522 and XXXV. 602.

- Eusarcocoris inconspicuus* Distant 1902 Faun. Ind. Rh. I. 167.
 var. (b) **helferi**
Eysarcocoris helferi Fieber 1861 Eur. Hem. 332; Puton 1881
 l. c.; Rey 1888 l. c.
 var. (c) **simplex**
Eysarcocoris inconspicuus var. *simplex* Puton 1881 l. c.
Eysarcocoris simplex Rey 1888 l. c.
- 23 **insularis** "Sandwich Islands" ¹⁾.
Eysarcocoris insularis Dallas 1851 List 228.
- 24 **insurgens** Java.
Hoplistodera insurgens Walker 1867 op. cit. II. 265.
- 25 **intergressus** Utah. *Col. calif. new wash.*
Eysarcocoris intergressus Uhler 1893 P. E. S. Washington II. 368.
- 26 **kolenatii** S. Russia.
Eysarcocoris binotatum Kolenati 1846 Bull. S. N. Moscou 32
 (not Hahn).
Eysarcocoris kolenatii Reuter 1882 Wien. E. Z. I. 113.
 Foodplant: *Verbascum*.
- 27 **latus** Tai-wan [=Formosa].
Eysarcocoris latus Walker 1868 op. cit. III. 557.
- 28 **lereddi** Papua; N. Queens-
Pentatoma Le Reddi Guillou 1841 Rev. Zool. 262.
Stollia fasciolata Stål 1876 Svensk. Vet. Handl. 14. no. 4.
 p. 81.
Eysarcocoris Le Reddi Schouteden 1907 A. S. E. Belg. LI. 110
 (mention).
- 29 ? **lewisi** Japan.
Stollia lewisi Distant 1883 T. E. S. London 423, Pl. 19. f. 6.
- 30 **marmoratus** Timor.
Eysarcocoris marmoratus Vollenhoven 1868 op. cit. 183.
- 31 **medius** Ternate.
Eysarcocoris medius Walker 1867 op. cit. II. 278.
- 32 **megaspiloides** Papua.
 † *Eysarcocoris megaspiloides* Tryon 1892 Ann. Queensland
 Mus. II. 17.
- 33 **megaspilus** N. China (and Hong-
Eysarcocoris megaspilus Walker 1867 op. cit. 276; Atkinson
modestus 1887 J. As. S. Beng. LVII (2). 42.
- 34 **fabricii** → 379 *fabricii* Europe; Algeria;
 || *Cimex melanocephalus* Fabricius 1775 Syst. Ent. 716; Panzer
 1796 Faun. Germ. XXVI. f. 26; Wolff 1804 Ic. Cim.
 139, Pl. XIV. f. 134.
 || *C. venustissimus* Schrank 1776 Beytr. Nat. 80.
Cydnus melanocephalus Fabricius 1803 Syst. Rh. 187.
Eysarcocoris do. Hahn 1835 Wanz. II. 130, f. 211. Douglas and
 Scott 1865 Br. Hem. I. 75, Pl. 2. f. 9; Fairmaire 1884
 Deyrolle's H. N. France XI, Pl. 2. f. 4; Saunders 1892
 Hem. Het. Brit. 25.
Eysarcocoris do. Fieber 1861 Eur. Hem. 332.
Eysarcocoris fabricii Kirkaldy 1904 Entom. XXXVII. 281 (new
 name).
 § Kirkaldy and Turner 1904 P. South London Ent. Soc. for
 1903, pp. 11—12 (habits).
 Foodplants: *Eremostachys laciniata*; *Stachys sylvatica*; *Cli-
 nopodium vulgare*.

¹⁾ "Fate" in the new Hebrides, or "Sandwich" in the Bismarek Archipelago; certainly not the Hawaiian Islands.

- 35 **montivagus**
Eusarcocoris montivagus Distant 1902 Faun. Ind. Rh. I. 166, f. 100. N. India; Assam; Burma.
- 36 **obscurus**
Eysarcocoris obscurus Vollenhoven 1868 op. cit. 182.
Stollia obscura Stål 1876 op. cit. 82 (list). Sumatra; Java.
- 37 **parvus**
Eysarcocoris parva Uhler 1896 P. U. S. Mus. XIX. 258. Japan.
- 38 **potanini**
Eusarcocoris potanini Jakovlev 1899 Hor. S. E. Ross. XXIV. 542; and 1900 op. cit. XXXIV. 521. China (Sz' tchuen and Gan-ssu).
correctus
- 39 **purpurissatus**
Eusarcocoris purpurissatus Reuter 1882 Oefv. Finsk. Förh. XXV. 6. Ashanti; Guinea.
- 40 **pustulatus**
Eysarcocoris pustulatus Walker 1868 op. cit. III. 557. Tai-wan [= Formosa].
- 41 **quadrinaculatus**
Stollia quadrinaculata Haglund 1868 Stett. E. Z. XXIX. 154. Celebes.
- 42 **rosaceus**
Eysarcocoris rosaceus Distant 1901 T. E. S. London 109.
Eusarcocoris do. Distant 1902 Faun. Ind. I. 167. Burma.
- 43 **rufoscutellatus**
Eysarcocoris rufoscutellatus Vollenhoven 1868 op. cit. 183. Timor.
- 44 **rugulosus**
Eysarcocoris rugulosus Walker 1867 op. cit. II. 276. Atkinson 1887 op. cit. 39.
Eusarcocoris do. Distant 1902 op. cit. 169. India.
- 45 **schmidti**
Eusarcocoris schmidti Jakovlev 1902 op. cit. XXXV. 600 a. 602. Cho-sen [= Korea].
- 46 **scutellaris**
Eusarcocoris scutellaris Jakovlev 1885 op. cit. XIX. 112; and 1902 op. cit. XXV. 602. Turkomania.
- 47 **sindellus**
Eusarcocoris sindellus Distant 1902 op. cit. 168. Sind.
- 48 **trinaculatus**
Stollia trinaculata Distant 1881 T. E. S. London 213. New South Wales.
- 49 **ventralis**
Pentatoma ventralis [Westwood] 1837 Cat. Hope I. 36.
[P. pallicornis l. c. inedit.]
Eysarcocoris distactus Dallas 1851 List 226.
Stollia rectipes Ellenrieder 1862 op. cit. 150, Pl. 4. f. 19.
S. distacta Stål 1876 op. cit. 82.
Eusarcocoris ventralis Distant 1902 Faun. Ind. Rh. I. 167. India; Burma; Cochinchina; Philippines; Malay Pen.; Sumatra; Java. Ceylon
Linka
- 50 **V-flavum**
Eusarcocoris V-flavum Horváth 1904 Ann. Mus. Hung. II. 259. Madagascar.

Hermolaus.Distant 1902 Faun. Ind. Rh. I. 164 a. 169 (type *typicus*).

- 1 **amurensis**
Hermolaus amurensis Horváth 1903 Ann. Mus. Hung. I. 405. E. Siberia.
- 2 **typicus**
Hermolaus typicus Distant 1902 op. cit. 170, f. 101. India (Nilghiris).

insensatus

Gomphocranum.Jakovlev 1877 Тр. Энт. Пыск. X. 79 (type *christophi*).1 **cristophi**

Persia.

Gomphocranum cristophi Jakovlev 1877 op. cit. 81.**Rubiconia.***Rubiconia* A. Dohrn 1860 Stett. E. Z. XXI. 102; Puton 1881 Syn. Hém. France II. 50 (type *intermedia*).*Apapiphe* Fieber 1860 Eur. Hem. 80 (type *intermedia*).1 **intermedia**

Europe; Siberia; Mongolia; China; Japan.

Cydnius intermedius Wolff 1811 Icon. Cim. 182, Pl. 18. f. 181.*Pentatoma lunatum* H-S. (?) Faun. Germ. 115.*Eysarcoris intermedius* Hahn 1835 Wanz. II. 128, f. 209.*Pentatoma neglectum* H-S. 1853 Wanz. IX. Index 156¹⁾.*Eysarcoris sahlbergi* Stål 1858 Stett. E. Z. XIX. 177.*Apapiphe intermedia* Fieber 1861 Eur. Hem. 338.*Rubiconia* do. Puton 1881 op. cit. 56.Foodplants: *Epilobium*; *Stachys*.2 **peltata**

Tibet.

Rubiconia peltata Jakovlev 1890 H. S. E. Ross. XXIV. 543.**Staria.***Staria* A. Dohrn 1860 Stett. E. Z. XXI. 101 (type *lunata*).*Rhacostethus* Fieber 1860 Eur. Hem. 79 (type *lunata*).1 **cristophi**

S. Russia.

Staria cristophi Jakovlev 1885 Bull. S. N. Moscou LXI. 85.2 **lunata**

Europe; Algeria; Asia minor; Persia.

Eysarcoris lunatus Hahn 1835 Wanz. II. 127, f. 208.*Pentatoma impressum* H-S. (?) Panz. Faun. Germ. 115.*Cimex lobulatus* Rambur (?) Faun. Andal. II. 120.*Pentatoma lunata* Gorski 1852 Anal. Ent. Ross. I. 72.*Rhacostethus lunatus* Fieber 1861 Eur. Hem. 331.*Staria lunata* Puton 1881 op. cit. 52.Foodplants: *Centaurea axillaris*; *Glechoma hederacea*; *Galium*; *Thymus*; *Verbascum*.3 **obscura**

N. Persia.

Staria obscura Jakovlev 1880 Тр. Энт. Пыск. XI. 208.**Cnephosa.**Jakovlev 1880 op. cit. 210 (type *flavomarginata*).1 **flavomarginata**

S. Russia; N. Persia.

Cnephosa flavomarginata Jakovlev op. cit. 211.**Risibia.**Horváth 1888 Rev. Ent. VII. 168 (type *xanthochila*).1 **geniculata**

S. Russia; Syria.

Risibia geniculata Horváth 1903 Ann. Mus. Hung. I. 406.2 **xanthochila**

Siberia.

Risibia xanthochila Horváth 1888 Rev. Ent. VII. 169.**Aspavia.***Pentatoma* subgen. *Aspavia* Stål 1865 Hem. Afr. I. 136 (type *armigera*!).1 **acuminata**

Guinea.

Aspavia acuminata Montandon 1894 A. S. E. Belg. XXXVIII. 630.¹⁾ This entry in H-S. is incomprehensible to me.

- 2 **albidomaculata**
Mormidea albidomaculata Stål 1853 O. V. A. F. X. 217.
M. melacantha Signoret 1858 Thoms. Arch. Ent. II. 281 (not Fabricius).
Pentatoma albidomaculata Stål 1865 Hem. Afr. I. 138.
- 3 **armigera**
Cimex armiger Fabricius 1781 Spec. Ins. II. 348.
C. debellator Fabricius 1803 Syst. Rh. 1865; H-S. 1841 Wanz. Ins. VI. f. 625.
Pentatoma armigera Stål 1865 op. cit. 136.
- 4 **brunnea**
Mormidea brunnea Signoret 1858 l. c.
Pentatoma do. Stål 1865 op. cit. 139.
Aspavia caelata Distant 1890 C. R. Soc. E. Belg. XXXIV. p. LVIII.
- 5 **escalerai**
Aspavia escalerai Schouteden 1904 Mem. Soc. Españ. N. H. I. 157.
- 6 **grandiuscula**
Aspavia grandiuscula Distant 1881 P. Zool. S. London 272, Pl. 31. f. 3.
- 7 **hastator**
Coreus hastator Fabricius 1794 Ent. Syst. IV. 129.
 || *Cimex gladiator* Fabricius 1803 Syst. Rh. 165.
C. jaculator Fabricius 1803 op. cit., emendanda.
Pentatoma hastator Stål 1865 l. c.
Mormidea? ventralis Walker 1867 Cat. Het. II. 260.
- 8 **inficita**
Mormidea inficita Walker 1867 l. c.
- 9 **ingens**
Aspavia ingens Distant 1890 op. cit. 475.
- 10 **longispina**
Pentatoma longispina Stål 1865 op. cit. 137.
- 11 **nigricosta**
Aspavia nigricosta Montandon 1894 op. cit. 631.
- 12 **pallidispina**
Pentatoma pallidispina Stål 1865 l. c.
- 13 **vittiventris**
Aspavia vittiventris Lethierry 1881 Ann. Mus. Genova XVI. 281.
- Transvaal; Cape Colony; Madagascar; Nossi-Be.
 Guinea (Sierra Leone; Calabar); Kongo; Madagascar; Réunion; Mauritius.
 Guinea (Calabar); Kongo.
 Kamerun.
 Kamerun.
 Guinea (Calabar); Madagascar.
 Natal.
 Natal.
 Mauritius.
 Natal.
 Cape Colony; Nyasaland.
 Abyssinia.

Carbula.

- Pentatoma* subg. *Carbula* Stål 1865 Hem. Afr. I. 140 (type *decorata*).
Carbula Stål 1876 Svensk. Vet. Handl. 14. no. 4. pp. 60 a. 82.
- 1 **abdominalis**
Mormidea abdominalis Signoret A. S. E. France (3) VIII. 929.
Pentatoma do. Stål 1865 Hem. Afr. I. 144.
- 2 **abacta** nom. nov.
 | *Cimex atomarius* Germar 1837 Silb. Rev. Ent. V. 170.
- 3 **biguttata**
Coreus biguttatus Fabricius 1794 Ent. Syst. IV. 129.
 | *Cimex binotatus* Fabricius 1803 Syst. Rh. 165.
 | *C. biguttatus* Fabricius 1803 op. cit., emendanda.
Pentatoma obscura [Westwood] 1837 Cat. Hope I. 35.
Carbula biguttata Distant 1902 Faun. Ind. Rh. I. 172.
- 4 **blanda**
Pentatoma blanda Stål 1853 O. V. A. F. X. 218; and 1865 Hem. Afr. I. 142.
- Madagascar; Mayotte Is.
 Cape Colony.
 India.
 Cape Colony.

- 5 **bohndorffi**
Carbula bohndorffi Distant 1890 C. R. Soc. E. Belg. XXXIV.
 p. LVI. Kongo.
- 6 **capito**
Pentatoma capito Stål 1865 op. cit. 146. Guinea.
- 7 **carbula**
Aspavia carbula Distant 1898 A. M. N. H. (7) II. 313. Nyasaland.
- 8 **contigua**
Mormidea contigua Walker 1867 op. cit. 264. Java.
- 9 **crassiventris**
Pentatoma crassiventris Dallas 1849 T. E. S. London V. 189.
Carbula crassiventris Distant 1902 Faun. Ind. Rh. I. 171,
 f. 102. Bhutan; Assam; Burma; Tenasserim;
 China (Yunnan);
 Riu Kiu Isls.
- 10 **cuneata**
Carbula cuneata Distant 1901 A. S. E. Belg. XLV. 30. Kongo.
- 11 **curtana**
Mormidea curtana Dallas 1851 List 215.
Pentatoma do. Stål 1865 op. cit. 145. Sierra Leone.
- 12 **decorata = damalis** *nom. nov.*,
Mormidea decorata Signoret 1861 op. cit. 928. Nyasaland; Zanzibar;
Pentatoma do. Stål 1865 op. cit. 140. Senegal.
- 13 **difficilis**
Pentatoma difficilis [Westwood] 1837 l. c. Gambia.
- 14 **coa**
Carbula coa Bergroth 1891 Rev. Ent. X. 204. "China."
- 15 **haematica**
Mormidea haematica Vollenhoven 1868 Versl. Ak. Amst.
 Nat. (2) II. 181. Java; Sumatra.
- 16 **humerigera**
Pentatoma humerigera Uhler 1860 P. Ac. N. S. Philad. 223.
Arma japonica Walker 1868 Cat. Hët. III. 533. Japan.
- 17 **indica**
Pentatoma indica [Westwood] 1837 op. cit. 42. N. India.
Carbula fusca Distant 1887 T. E. S. London 346.
C. indica Distant 1902 Faun. Ind. Rh. I. 171.
- 18 **insocia**
Eysarcoris insocius Walker 1868 Cat. Het. III. 556. India
Carbula insocia Distant 1902 op. cit. 173.
Pentatoma bimaculata [Westwood] 1837 MS.
- 19 **jipensis**
Pentatoma jipensis Gerstäcker 1873 Decken's Reisen Ost-Afrika
 III (2) 400. E. Africa (Lake Jipe).
- 20 **lateralis**
Mormidea lateralis Walker 1867 Cat. Het. II. 263. Siam.
- 21 **limpoponis**
Pentatoma limpoponis Stål 1853 O. V. A. F. X. 219; and 1865
 Hem. Afr. I. 143. Transvaal.
- 22 **litigatrix** *nom. nov.*
 || *Cimex marginellus* Thunberg 1822 Hem. rostr. Cap. II. 4. Cape Colony.
 || *Pentatoma marginella* Stål 1865 op. cit. 144.
- 23 **melacantha**
Cimex melacanthus Fabricius 1781 Spec. Ins. II. 349. Sierra Leone; Kongo.
Mormidea maculipes Signoret 1851 Rev. Mag. Zool. 444.
Pentatoma melacantha Stål 1865 op. cit. 141.

- 24 **munda**
Carbula munda Breddin 1901 Abh. Ges. Nat. Halle XXIV. 45. Celebes.
- 25 ? **nigriceps**
Mormidea nigriceps Walker 1868 op. cit. III. 554. India.
- 26 **obtusa**
Durmia obtusa Signoret 1891 A. S. E. France 468. Senegal.
- 27 **obtusangula**
Carbula obtusangula Reuter 1881 Ent. Mo. Mag. XVII. 233. "China". *Li Kiu*
- 28 **pedalis**
Carbula pedalis Bergroth 1891 op. cit. 203. Senegambia.
- 29 **producta**
Carbula producta Distant 1901 T. E. S. London 110; and 1902 Faun. Ind. Rh. I. 172. Burma.
- 30 **putoni**
Eusarcoris putoni Jakovlev 1878 Тр. Эн.т. Русск. Общ. IX. 216. E. Siberia.
Carbula amurensis Reuter 1881 Ent. Mo. Mag. XVII. 233.
- 31 **rugulosa**
Carbula rugulosa Distant 1902 Faun. Ind. Rh. I. 171. S. India.
- 32 **scapularis**
Carbula scapularis Distant 1901 A. S. E. Belg. XLV. 29. Kongo.
- 33 **scutellata**
Carbula scutellata Distant 1887 T. E. S. London 347; and 1902 Faun. Ind. Rh. I. 172. India; Assam; Burma.
- 34 **socia**
Mormidea socia Walker 1867 Cat. Het. II. 262. India; Ceylon.
M. similis W. F. Kirby 1891 J. Linn. S. London, Zool. XXIV. 82.
Carbula socia Distant 1902 l. c.
- 35 **teretipes**
Carbula teretipes Horváth 1904 Ann. Mus. Hung. II. 260. Madagascar.
- 36 **trabifera**
Carbula trabifera Breddin 1900 Stett. E. Z. LXI. 302. Sumatra; Malacca; Banguay Is.
- 37 **trimaculata** nom. nov.
Cimex trisignatus H-S. 1841 Wanz. VI. 64, f. 626 (not Germar).
|| *Pentatoma trinotatum* H-S. 1844 op. cit. VII. 94. Sumatra; Java.
Mormidea trisignata Vollenhoven 1868 Versl. Ak. Nat. Amst. (2) II. 181.
- 38 **trisignata**
Cimex trisignatus Germar 1837 Silb. Rev. V. 17. Cape Colony; Natal;
Pentatoma trisignatum H-S. 1844 op. cit. VII. 97, f. 760. Zanzibar; Ashanti
P. trigemmis Stål 1853 O. V. A. F. X. 219. Transvaal; Nyasaland.
P. trisignata Stål 1865 Hem. Afr. I. 142.

Gynenica.

- Gynenica* Dallas 1851 List 152 a. 180 (type *marginella*).
- 1 **affinis**
Gynenica affinis Distant 1880 Ent. Mo. Mag. XVI. 202; and 1902 Faun. Ind. Rh. I. 188, f. 112. India.
- 2 **marginella**
Gynenica marginella Dallas 1851 op. cit. 181, Pl. VI. f. 4. S. Africa.
- 3 **rustica**
Gynenica (!) rustica Distant 1899 A. M. N. H. (7) IV. 440. Transvaal.
- 4 **tellini**
Gynenica tellini Schouteden 1905 A. S. E. Belg. XLIX. 8. Erithrea.

Durmia.

Pentatoma subg. *Durmia* Stål 1865 Hem. Afr. I. 146 (type *conjungens*!).
Durmia Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 84.

- 1 **albidofuscata** *Mormidea albidofuscata* Stål 1853 O. V. A. F. X. 217.
Pentatoma bellicosa Stål 1865 Hem. Afr. I. 147. Transvaal; Mashonaland; Cape Colony; Zanzibar.
- 2 **capreola** *Pentatoma capreola* Stål 1865 op. cit. 149. Madagascar.
- 3 **conjungens** *Cimex conjungens* Germar 1837 Silb. Rev. Ent. V. 168.
Pentatoma do. H-S. 1844 Wanz. VII. 99, f. 763; Stål 1865 op. cit. 147. Cape Colony; Transvaal.
- 4 **haedula** *Cimex typhoeus* H-S. 1841 Wanz. VI. 65, f. 628 (not Wolff).
Pentatoma haedula Stål 1865 Hem. Afr. I. 149. Guinea (Sierra Leone); Cape Colony.
- 5 **horizontalis** *Durmia horizontalis* Distant 1898 A. M. N. H. (7) II. 301. Transvaal; Mashonaland.
- 6 **lutulenta** *Pentatoma lutulenta* Stål 1853 O. V. A. F. X. 220; and 1865 Hem. Afr. I. 151. Cape Colony; Mashonaland; Transvaal.
- 7 **mul santi** *Pentatoma mul santi* Stål 1853 O. V. A. F. X. 219; and 1865 Hem. Afr. I. 148. Cape Colony; Transvaal.
- 8 **nigrispina** *Durmia nigrispina* Reuter 1882 Oefv. Finsk. Förh. XXV. 7. Gold Coast.
- 9 **tomentiventris** *Cimex tomentiventris* Germar 1837 Silb. Rev. Ent. V. 168.
Mormidea boschjesmana Stål 1853 O. V. A. F. X. 217.
Pentatoma tomentiventris Stål 1865 Hem. Afr. I. 150. Cape Colony; Mashonaland; Transvaal.
- 10 **vittiventris** *Durmia vittiventris* Reuter 1882 op. cit. 8. Ashanti.

Ilipla.

Pentatoma subg. *Ilipla* Stål 1865 Hem. Afr. I. 152 (type *caenosula*).

- 1 **caenosula** *Pentatoma caenosula* Stål 1853 O. V. A. F. X. 218; and 1865 Hem. Afr. I. 152. Cape Colony; Transvaal.
- 2 **depressa** *Cimex depressus* H-S. 1841 op. cit. 67, f. 631. Cape Colony.
- 3 **natalicola** *Ilipla natalicola* Distant 1900 Ent. Mo. Mag. (2) XI. 82. Natal.

Meneclis.

Stål 1867 O. V. A. F. XXIV. 527 (type *insertus*).

- 1 **insertus** *Pentatoma inserta* Say 1832 Descr. Het. Hem. 6; and 1859 Compl. Wr. I. 317. Canada; United States.
- Meneclis insertus* Kirkland 1896 in Forbush and Fernald, Gypsy Moth 393, Pl. 53. f. 2.
- M. incertus* Van Duzee 1904 T. Amer. E. S. XXX. 52 (laps. cal.). Found on *Hickoria*; predaceous on larvae of *Porthetria dispar* [Lep.].

Parentheca.

Berg 1891 An. S. C. Argent. XXXII. 283 (type *subfurcata*).

- 1 **aeliomorpha** *Parentheca aeliomorpha* Berg op. cit. 285. Paraguay.

2 **subfurcata***Parenthea subfurcata* Berg op. cit. 283.

Argentina.

Oenopiella.*Oenopia* Stål 1867 O. V. A. F. XXIV. 529; and 1872 Svensk. Vet. Handl. 10. no. 4. p. 31 (type *unidentata*).*Oenopiella* Bergroth 1891 Rev. Ent. X. 235 (new name).1 **pallidula***Oenopia pallidula* Stål 1872 l. c.; Berg 1891 An. S. C. Arg. XXXII. 286.

Argentina.

2 **punctaria***Oenopia punctaria* Stål 1859 Eugenie's Resa, Ins. 226; and 1872 Svensk. Vet. Handl. 10. no. 4. p. 31.*O. punctaria* Stål 1867 O. V. A. F. XXIV. 529 (laps. cal.).*Sciocoris odiosus* Butler 1881 P. Zool. S. London 86.

Uruguay; Argentina.

3 **unidentata***Pentatoma unidentatum* Spinola 1852 Gay's Hist. Chile, Zool. VII. 134, Hem. Pl. 1. f. 4; Signoret 1864 A. S. E. France (4) III. 546.*Oenopia unidentata* Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 31.

Chile; Uruguay; Argentina; Patagonia.

Hypatropis.*Melpia* Stål 1867 O. V. A. F. XXIV. 529; and 1872 Svensk. Vet. Handl. 10. no. 4. p. 31 (type *sternalis*).*Hypatropis* Bergroth 1891 Rev. Ent. X. 235 (new name).1 **inermis***Melpia inermis* Stål 1872 l. c.

Brazil (Rio de Janeiro).

2 **integra***Melpia integra* Berg 1879 Hem. Arg. 49.

Montevideo.

3 **sinuata***Melpia sinuata* Stål 1872 op. cit. 32.

S. Brazil.

4 **sternalis***Melpia sternalis* Stål 1869 Berlin. E. Z. XIII. 229; Berg 1884 Hem. Arg. Add. 181.

Argentina.

Acledra.Signoret 1864 A. S. E. France (4) III. 547; Stål 1867 O. V. A. F. XXIV. 528; and 1872 Svensk. Vet. Handl. 10. no. 4. p. 32 (type *reflexa*).1 **albocostata***Pentatoma albocostatum* Spinola 1852 Gay's Hist. Chile, Zool. VII. 132, Hem. Pl. 1. f. 2; Signoret 1864 op. cit. 546.

Chile.

2 **bonariensis***Pentatoma bonariensis* Stål 1859 Eugenie's Resa, Ins. 227. *Acledra do.* Berg 1891 An. S. C. Arg. XXXII. 286.

Argentina.

3 **dimidiaticollis***Pentatoma dimidiaticollis* Spinola 1852 op. cit. 133, Pl. 1. f. 3; Signoret 1864 l. c.

Chile.

4 **fraterna***Pentatoma fraterna* Stål 1859 op. cit. 225. *Acledra reflexa* Signoret 1864 op. cit. 547, Pl. 12. f. 13. *A. fraterna* Berg 1879 Hem. Arg. 51.

Chile; Uruguay.

5 **gregalis***Acledra gregalis* Berg 1879 Hem. Arg. 51. § Berg op. cit. 52.

Argentina.

6 **hematopus***Pentatoma hematopus* Spinola 1852 op. cit. 136, Pl. 1. f. 5.

Chile.

P. haematopus Signoret 1864 l. c.

Aeledra haematopa Stål 1872 Svensk. Vet. Handl. 10. no. 4.
p. 32.

7 **kinbergi**

Pentatoma kinbergi Stål 1859 Eug. Resa. 225.

§ Berg 1879 Hem. Arg. 50 (n.).

Foodplant: *Solanum boerhaaviaefolium*.

Argentina; Uruguay.

8 **modesta**

Pentatoma modesta Stål 1859 op. cit. 224.

Aeledra do. Berg 1879 op. cit. 281.

Uruguay; Argentina;
Patagonia.

9? **punctata**

Aeledra punctata Reed 1898 Rev. Chileñ. II. 134.

Chile.

Prionosoma.

Uhler 1863 P. Ent. Soc. Philad. II. 363 (type *podopiooides*).

1 **podopiooides**

Prionosoma podopiooides Uhler op. cit. 364.

P. villosa Provancher 1888 Faun. Can., Hém. 204.

Canada to Lower California (west of the Rocky Mts.).

Chroantha.

Chroantha Stål 1872 O. V. A. F. XXIX. 38 (type *ornatula*).

|| *Poeillocoris* Jakovlev 1878 Тр. Русск. Эн. Общ. X. 81 (type *scitulus* = *ornatula*).

1 **ornatula**

Cimex ornatulus H-S. 1842 Wanz. VI. 93, f. 664.

|| *C. notatus* Klug 1845 Symb. Phys. V. Pl. 44. f. 9.

Pentatoma humerosa Dallas 1851 List 240.

P. ornatula Stål 1865 Hem. Afr. I. 158.

Poeillocoris scitulus Jakovlev 1878 op. cit. 83, Pl. 2. f. 2.

Chroantha? *hataska* Kirkaldy 1899 Bull. Liverpool Mus. II. 47.

C. ornatula Kirkaldy 1903 Forbes and Ogilvie-Grant, N. H. Socotra 392.

Mediterranean basin;
N. Persia; Arabia;
Sokotra Is.; Turkomania.

Brachynema.

Brachynema Mulsant et Rey 1852 A. S. Linn. Lyon 88; Puton 1881 Syn. Hém.

France II. 52 (type *roseipennis* = *cinctus*).

Oncoma Fieber 1860 Eur. Hem. 79 (type *germari* = *virens*).

1 **baerensprungi**

Pentatoma baerensprungi Mulsant et Rey 1863 A. S. Linn. Lyon 185 (sep.?).

Germany.

2 **balfouri**

Brachynema balfouri Distant 1903 A. M. N. H. (7) XII. 479.

Sokotra.

3 **biplaga**

Rhaphigaster biplaga Walker 1867 Cat. Het. II. 373.

Afghanistan.

4 **cincta**

Cimex cinctus Fabricius 1775 Syst. Ent. 712.

C. forskahlii Gmelin 1789 Syst. Nat. (Ed. XIII) 2150.

C. purpureomarginatus Rambur (? 1840) Faun. And. II. 121.

C. tarsatus Klug 1845 Symb. Phys. V., Pl. 44. f. 12.

Pentatoma roseipennis Mulsant et Rey op. cit. I. 89.

Brachynema cincta Fieber 1861 Eur. Hem. 340.

B. cinctum Puton 1881 Syn. Hém. France II. 64.

var. (b) **flavata**

Brachynema cinctum var. *flavatum* Horváth 1896 Termész. füzet. XIX. 323.

S. France; Corsica.

var. (c) **splendida**

Brachynema cinctum var. *splendidum* Montandon 1900 Bull. Soc. Sci. Bucur. IX. 158.

Algeria.

- var. (d) **miniatula**
Brachynema cinctum var. *miniatulum* Montandon 1900 l. c.
 Foodplant: *Suaeda*. S. France.
- 5 **germarii**
Cimex virens Klug 1845 op. cit., Pl. 44. f. 11. S. France; S. Russia;
Raphigaster germarii Kolenati 1846 Melet. Ent. IV. 56, Pl. Tunis; Egypt; Syria;
 XVI. f. 38. Turkestan.
Oncoma germari Fieber 1861 Eur. Hem. 333.
Brachynema virens Puton 1881 op. cit. 65.
- var. (b) **alternata**
Brachynema virens var. *alternatum* Horváth 1899 Termész. Algeria.
 füzet. XXII. 444.
- var. (c) **anabasis**
Pentatoma anabasis Becker 1867 Bull. S. N. Moscou XL. 110. (with the type).
Oncoma germari var. *flavomarginatus* Jakovlev 1870 Тр. Pyccк. Энт. Общ. VI. 14.
- var. (d) **grisea**
Oncoma germari var. *grisea* Jakovlev 1870 op. cit. 32. S. Russia.
 Foodplants: *Parrotia persica*; *Alhagus camelorum*; *Anabasis*
L. aphylla; *Zygophyllum fabago*.
- 6 **hypocrita**
Brachynema triguttatum var. *hypocrita* Puton 1876 A. S. Algeria; Tunis.
 E. France (5) VI. 15; and 1887 Rev. Ent. VI. 96.
- var. (b) **exul**
Brachynema hypocrita var. *exul* Horváth 1896 Termész. Algeria.
 füzet. XIX. 323.
- 7 **melanota**
Brachynema melanotum Jakovlev 1874 Bull. S. N. Moscou S. Russia.
 XLVIII. 240.
- 8 **ruficornis**
Brachynema ruficorne Reuter 1900 Oefv. Finsk. Förh. XLII. 235. Turkestan.
- 9 **signata**
Brachynema signata Jakovlev 1882 Тр. Pyccк. Энт. Общ. S. Russia.
 XII. 37.
- 10 **simonyi**
Brachynema simonyi Horváth 1896 Termész. füzet. XIX. 323. Canary Isles.
- 11 **triguttata**
Brachynema triguttatum Fieber 1870 Verh. zool. bot. Ges. Spain; Dalmatia.
 Wien. XX. 263.
- 12 **turanica**
Brachynema turanicum Horváth 1889 Wien. E. Z. VIII. 173. Turkomania.
- 13 **venustula**
Brachynema venustum Montandon 1900 l. c. Algeria.

Cellobius.

Jakovlev 1885 H. S. E. Ross. XIX. 116 (type *abdominalis*).

- 1 **abdominalis**
Cellobius abdominalis Jakovlev 1885 op. cit. 117. Turkomania.
- var. (b) **ferrugata**
Cellobius abdominalis var. *ferrugatus* Horváth 1889 Wien. E. Z. VIII. 174.
- 2 **gentilis**
Cellobius gentilis Jakovlev 1901 Pyccк. Энт. Обозр. I. 34. W. Mongolia.

Cyptocephala.

Berg † 1883 A. S. C. Arg. XV. 209; and 1884 Hem. Arg. Add. 25 (type *cogitabunda*)

1 *cogitabunda*

Uruguay; Argentine

Cyptocephala cogitabunda Berg 1883 op. cit. 210; and 1891 op. cit. XXXII. 282.

Thyanta.

Stål 1862 Svensk. Vet. Handl. 3. no. 6. p. 58; 1867 O. V. A. F. XXIV. 529; and 1872 Svensk. Vet. Handl. 10. no. 4. p. 34 (type *perditor*!).

1 *aeruginosa*

Argentine.

Thyanta aeruginosa Berg 1879 Hem. Arg. 54.

2 *antiguensis*

Arizona; California;

Pentatoma antiguensis [Westwood] 1837 Cat. Hope I. 36.

P. taeniola Dallas 1851 List 250.

Thyanta do. Distant 1880 B. C. A., Het. I., Pl. 7. f. 4.

T. antiguensis Van Duzee 1904 T. Amer. E. S. XXX. 54.

Antigua; Jamaica;

Hispaniola

(= Hayti); Mexico;

Guatemala; Pa-

nama.

Foodplant: gen. near *Chenopodium*.

3 *brevis*

Colorado.

Thyanta brevis Van Duzee 1904 op. cit. 53 a. 56.

4 *casta*

Arizona; California;

Thyanta casta Stål 1862 Stett. E. Z. XXIII. 104; Distant

Hispaniola; Mexico.

1880 op. cit., Pl. 5. f. 19; Van Duzee 1904 op. cit. 54.

5 ? *chilensis*

Chile.

Pentatoma chilense H-S. 1853 Wanz. IX. 323.

6 *custator*

Canada; United States.

Cimex custator Fabricius 1803 Syst. Rh. 164.

Pentatoma calceata Say 1832 Deser. Het. Hem. 8; and 1859 Compl. Wr. I. 320.

P. custator H-S. 1844 op. cit. VII. 106, f. 771.

P. pallidovirens Stål 1859 Eugenie's Resa, Ins. 227.

Thyanta custator, *pallidiventr*¹⁾ and *pallidovirens* Van Duzee op. cit. 53.

§ Forbes 1905 Rep. Illinois XXIII. 196.

§ Chittenden 1898 Bull. U. S. Ent. n. s. X. 62.

Foodplants: *Asparagus Zea mays*; wheat; grasses.

Parasitized by *Trissolcus thyantae* [Hym.]; and *Eupelmus hirtus* [Hym.].

7 *humilis*

Brazil.

Thyanta humilis Bergroth 1891 Rev. Ent. X. 226.

var. *viridescens*

Thyanta humilis var. *viridescens* Kuhlitz 1902 Berl. E. Z. 256.

8 *immemor* nom. nov.

— ?

|| *Pentatoma inconspicua* Dallas 1851 List 250.

9 *juvenca*

Chile.

Thyanta juvenca Stål 1862 op. cit. 104; Berg 1900 Ann. Mus. B. Aires VII. 89.

? *Pentatoma pilosus* Reed 1898 Rev. Chileñ. H. N. II. 132.

10 *maculata*

Guatemala; Mexico.

Cimex maculatus Fabricius 1775 Syst. Ent. 704; Stål, Mem. Ent. I. 29, 1868 - *América* (366)

Thyanta maculata Distant 1890 op. cit. Pl. XXX. f. 21.

11 ? *obsoleta*

Jamaica.

Pentatoma obsoleta Dallas 1851 List 251.

12 ? *parvula*

— ?

Rhaphigaster parvulus Dallas 1851 op. cit. 279.

¹⁾ *pallidiventr* (MS) laps. cal. for *pallidovirens*.

- 13 **patagiata** Argentina; Uruguay.
Thyanta patagiata Berg 1879 Hem. Arg. 55; and 1884 Hem. Arg. Add. 27.
- 14 **patruclis** Brazil; Perú.
Pentatoma patruclis Stål 1859 Eugenie's Resa 226.
P. patruclis Stål 1872 Svensk. V. H. 10. no. 4. p. 35.
Thyanta do. Berg 1879 Hem. Arg. 53.
- 15 **perditor** Perú; Uruguay; Brazil; Colombia; Costa Rica; Guatemala; Honduras; Mexico; Hispaniola; Jamaica; United States.
Cimex perditor Fabricius 1794 Ent. Syst. IV. 102.
Pentatoma fascifera Pal. Beauv. 1805 Ins. Afr. Amér. 160, Hém. Pl. 10. f. 8.
P. collaris [Westwood] 1837 Cat. Hope I. 40.
 || *Cimex transversalis* H-S. 1841 Wanz. VI. 66, f. 629 (not 630).
Euschistus rubiginosus Dallas 1851 List 206.
E. fasciatus Walker 1867 Cat. Het. II. 245.
E. adjunctor Walker 1867 op. cit. 249.
Thyanta perditor Stål 1872 op. cit. 34; Uhler 1876 Bull. U. S. Geol. Surv. II. 289; and 1877 op. cit. III. 404; Van Duzee 1904 op. cit. 53; and 1907 Bull. Buffalo Soc. VIII. 9; Forbes 1905 Rep. Ent. Illinois XXIII. 117, f. 102.
 § Sanderson 1904 Bull. U. S. Ent. XLVI. 94.
 § Forbes 1905 l. c.
 Foodplants: *Ricinus communis*; *Avena sativa*; *Sorghum sorghum*; *Zea mays*; Cowpeas.
 Preyed on by *Stenopogon inquinatus* [Dipt.] (Cockerell 1905 Entom. XXXVIII. 236).
- 16 **punctiventris** Colorado; N. Dakota; Utah.
Thyanta punctiventris Van Duzee 1904 op. cit. 53 a. 55.
- 17 **rugulosa** Colorado; Utah.
Pentatoma rugulosa Say 1832 Descr. Het. Hem. 7; and 1859 Compl. Wr. I. 319.
Thyanta do. Van Duzee 1904 op. cit. 54.
 Foodplant: *Atraplax*; wild gooseberry.
 § "Assimilating to the color of its surroundings", Van Duzee l. c.
- 18 **testacea** Argentine; St. Bartholomew Is.
Pentatoma testacea Dallas 1851 op. cit. 250.
Thyanta do. Berg 1879 Hem. Arg. 53.
- 19 **vitrea** — ? [? Brazil].
Pentatoma vitrea [Westwood] 1837 op. cit. 36.

Chlorocoris.

- Chlorocoris* Spinola 1837 Essai 288; Stål 1867 O. V. A. F. XXIV. 525 (type *tau*).
Thelima Amyot et Serville 1843 Hém. 107 (type *complanata* = *tau*).
Chlorocoris subg. *Monochrocerus* Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 35 (type *rufispinus*).
- 1 **aberrans** Guatemala.
Chlorocoris aberrans Distant 1880 B. C. A., Het. I. 69, Pl. 6. f. 23.
- 2 **atrispinus** Colombia; Panama; Nicaragua; Mexico.
Chlorocoris atrispinus Stål 1862 Stett. E. Z. XIII. 99; Distant 1880 op. cit. 67, Pl. 5. f. 22.
- championi** Guatemala.
Chlorocoris championi Distant 1880 op. cit. 69, Pl. 6. f. 23; and 1890 op. cit. 335.

- 4 **depressus** Colombia; Guiana.
Halys depressa Fabricius 1803 Syst. Rh. 182.
Chlorocoris depressus Stål 1868 Svensk. Vet. Handl. 7. no. 11.
p. 23.
C. roseus Vollenhoven 1868 Versl. Ak. Amst. Nat. (2) II. 178.
- 5 **hebetatus** Mexico.
Chlorocoris hebetatus Distant 1890 op. cit. 335, Pl. 31. f. 16.
- 6 **irroratus** Mexico.
Chlorocoris irroratus Distant 1880 op. cit. 69, Pl. 7. f. 16.
- 7 **rubescens** Mexico.
Chlorocoris rubescens Walker 1868 Cat. Het. III. 543; Distant
1880 op. cit. 68, Pl. 6. f. 20; and 1890 op. cit. 334.
- 8 **rufispinus** Guatemala; Honduras; Mexico.
Chlorocoris rufispinus Dallas 1851 List 167; Stål 1872 op.
cit. 10. no. 4. p. 35; Distant 1880 op. cit. 68, Pl. 5. f. 23.
C. distinctus Signoret 1851 A. S. E. France (2) IX. 330, Pl.
10. f. 2.
C. rufidens Walker 1868 l. c.
- 9 **rufopictus** Mexico.
Chlorocoris rufopictus Walker 1868 op. cit. 544; Distant
1890 op. cit. 334, Pl. 31. f. 15.
- 10 **subrugosus** Guatemala; Mexico.
Chlorocoris subrugosus Stål 1872 op. cit. 36; Distant 1880
op. cit. 68, Pl. 6. f. 21.
- 11 **tau** Brazil; Guatemala.
Chlorocoris tau Spinola 1837 Essai 289.
Pentatoma complanata Guérin 1838 Voy. Coquille Zool. II.
167, Pl. 2. f. 13.
Cimex deplanatus H-S. 1841 Wanz. VI. 68, f. 633.
Chlorocoris complanatus Stål 1872 op. cit. 35.
- 12 **usitatus** Guatemala.
Chlorocoris usitatus Distant 1890 op. cit. 335, Pl. 30. f. 20.

Loxa.

- Amyot et Serville 1843 Hém. 137; Stål 1867 O. V. A. F. XXIV. 525; and 1872
Svensk. Vet. Handl. 10. no. 4. p. 37 (type *flavicollis*).
- 1 **affinis** Brazil; Guiana; Panama; Mexico.
Loxa affinis Dallas 1851 List 198.
L. invaria Walker 1867 Cat. Het. II. 242.
- 2 **curvidens** Brazil.
Loxa curvidens Mayr 1864 Verh. zool. bot. Ges. Wien XIV.
909; and 1866 Novara Exp., Zool. (II) 2. 50, f. 8;
Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 36.
- 3 **flavicollis** Argentine; Uruguay;
Bolivia; Brazil; Br.
Guiana; Panama;
Guatemala; Jamaica;
Mexico; (Southern United
States).
Cimex flavicollis Drury 1773 Ill. Ent. II. 67, Pl. 36. f. 4.
C. albicollis Fabricius 1781 Spec. Ins. II. 347; H-S. 1841
Wanz. VI. 68, f. 634.
Pentatoma viridis Palisot Beauv. 1805 Ins. Afr. Amér. 111,
Pl. Hém. 8. f. 1.
Loxa flavicollis Amyot et Serville 1843 l. c., Pl. 3. f. 3.
L. virescens Amyot et Serville l. c.
L. deducta Walker 1867 l. c.
Foodplant: *Acacia*.
- 4 **haematica** Brazil.
Cimex haematicus H-S. 1841 op. cit. 70, f. 636.
- 5 **luteipennis** Brazil.
Pentatoma luteipennis [Westwood] 1837 Cat. Hope I. 40.

- 6 **pallida**
Loxa pallida Van Duzee 1907 Bull. Buffalo Soc. VIII. 9. Jamaica.
- 7 **rectidens**
Loxa rectidens Mayr 1866 op. cit. 51; Stål 1872 l. c. Brazil.
- 8 **variegata**
Loxa variegata Distant 1880 op. cit. 71, Pl. 5. f. 25. Costa Rica.

Chloropepla.

Stål 1867 O. V. A. F. XXIV. 525; and 1872 Svensk. Vet. Handl. 10. no. 4. p. 37
(type *vigens*).

- 1 **vigens**
Loxa vigens Stål 1860 Svensk. Vet. Handl. 2. no. 7. p. 19. Brazil; Uruguay.
Foodplants: *Cucurbita pepo*.

Fecelia.

Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 37 (type *minor*).

- 1 **minor**
Loxa minor Vollenhoven 1868 Versl. Ak. Amst. Nat. (2) II. 179. Puerto Rico.
Fecelia do. Stål 1872 l. c.
- 2 **nigridens**
Loxa nigridens Walker 1867 Cat. Het. II. 241. Hispaniola [= Hayti].

Agonoscelis.

Agonoscelis Spinola 1837 Essai 327; Stål 1865 Hem. Afr. I. 177; and 1876 Svensk. Vet. Handl. 14. no. 4. p. 84 (type *indica* = *nubila*).

Nevrosia Amyot et Serville 1843 Hém. 109 (type *grata* = *nubila*).
[Table of Ethiopian species — Horváth 1904 Ann. Mus. Hung. II. 262.]

- 1 **aequata**
Agonoscelis aequata Harold 1879 Mt. Münch. Ent. III. 41. Angola.
- 2 **bicolor**
Agonoscelis bicolor Distant 1879 T. E. S. London 210, Pl. 5. f. 6. Madagascar.
- 3 **cognata**
Agonoscelis cognata Horváth 1904 op. cit. 260.
- 4 **erosa**
Aelia erosa [Westwood] 1837 Cat. Hope I. 33. Sierra Leone; Nyasa-land; Transvaal.
Agonoscelis do. Stål 1865 Hem. Afr. I. 179.
- 5 **femoralis**
Agonoscelis femoralis Walker 1868 Cat. Het. III. 545; Distant 1902 Faun. Ind. Rh. I. 190, f. 113. Assam.
- 6 **longirostris**
Agonoscelis longirostris Harold 1879 op. cit. 44. Angola.
- 7 **nubilis**
Cimex nubilus Fabricius 1775 Syst. Ent. 712. India; Assam; Burma; Tenasserim; Malacca; Ceylon; China; Japan; Philippines; Sumatra; Java.
C. nubilus Wolff 1801 Ic. Cim. 57, Pl. VI. f. 54.
Pentatoma grata Palisot Beauv. 1805 op. cit. 129, Pl. 9. f. 5.
Aelia? *nubila* Hahn 1836 Wanz. III. 29, f. 251.
Agonoscelis indica Spinola 1837 Essai 329.
Aelia crucifera [Westwood] 1837 op. cit. 32.
Nevrosia sulciventris Ellenrieder 1862 Nat. Tijdschr. Ned. Ind. XXIV. 144, Pl. I, f. 11.
Agonoscelis nubila Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 85; Distant 1902 Faun. Ind. Rh. I. 189; Lefroy 1906 Ind. Ins. Pests 235, f. 277.
Foodplants: *Dolichos lablab*; Synantheraceae; *Zea mays*.

- 8 **puberula**
Agonoscelis puberula Stål 1853 O. V. A. F. X. 216; and 1865 Hem. Afr. I. 179. Mashonaland; Transvaal; Damaraland.
- 9 **rutila** •
Cimex rutilus Fabricius 1775 op. cit. 714.
C. elatus Fabricius 1803 Syst. Rh. 173.
Pentatoma wolffii Guérin 1838 Voy. Coquille, Zool. II. 166, Pl. 11. f. 10.
P. petiti Le Guillou 1841 Rev. Zool. 242.
P. tetrastigma H-S. 1851 Wanz. IX. 322.
P. lugubris Montrouzier 1855 Ann. S. Agr. Lyon (2) VII. 97.
Strachia tetragona Walker 1867 Cat. Het. II. 332.
Agonoscelis rutila Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 85.
var. (b) **aspersa**
Strachia aspersa Walker 1867 op. cit. 333. Java; Celebes; Moluccas (Batchian, Banda, Ceram); Murua; Birara; Ke Isl.; Erub Isl.; (= Darnley, in the Torres Sts.); N. Queensland; New South Wales; (Tomia Isl. =?) *Halmaheira*.
- 10 **sansibarica**
Agonoscelis sansibarica Harold 1879 op. cit. 42. Zanzibar.
- 11 **venosa**
Cimex venosus Thunberg 1783 Nov. ins. sp. II. 49.
C. villosus Thunberg 1822 Hem. rostr. cap. II. 3. 1)
Aelia sanguinea [Westwood] 1837 op. cit. 32.
Pentatoma miniatocollis [Westwood] op. cit. 43.
Agonoscelis sanguinea Stål 1865 Hem. Afr. I. 177.
A. venosa Stål 1866 op. cit. IV. 254. Cape Colony.
- 12 **pubescens**
|| *Cimex versicolor* Fabricius 1794 Ent. Syst. IV. 120.
C. pubescens Thunberg 1822 op. cit. 2.
Aelia gambiensis [Westwood] 1837 op. cit. 32.
A. infuscata [Westwood] l. c.
Cimex acinorum Germar 1837 Silb. Rev. Ent. V. 177.
Pentatoma do. H-S. 1844 Wanz. VII. 105, f. 769.
Agonoscelis versicolor Stål 1865 Hem. Afr. I. 178.
var. (b) **tibialis** Horváth 1904 Ann. Mus. Hung. II. 261. Transvaal; Cape Colony; Nyasaland; Mashonaland; Senegal; Gambia; Abyssinia; Cape Verde Isl.

Afraniella.

- Schouteden 1904 A. S. E. Belg. XLVIII. 137 (type *lambareni*).
1 **lambaremi**
Afraniella lambaremi Schouteden l. c. Kongo.

Afrania.

- Afrania* Stål 1865 Hem. Afr. I. 81 a. 180 (type *wahlbergi*).
Sala Walker 1867 Cat. Hem. II. 404 (type *colorata* = *wahlbergi*).
1 **exigua**
Sala exigua Walker op. cit. III. 575. —?
- 2 **wahlbergi**
Strachia wahlbergi Stål 1853 O. V. A. F. X. 220.
Agonoscelis brachyptera Schaum 1862 Peters' Reise Mossamb., Ins. 37, Pl. 2. f. 2.
Afrania wahlbergi Stål 1865 Hem. Afr. I. 180.
Sala colorata Walker 1867 op. cit. II. 405. Cape Colony; Nyasaland; Mashonaland; Transvaal; German E. Africa.

Agaeus.

- Dallas 1851 List 152 a. 185; Stål 1865 Hem. Afr. I. 181; and 1867 O. V. A. F. XXIV. 519 (type *tessellatus*).

1) = ?† *C. villosus* Thunb. 1783 Nov. ins. sp. II. 35.

1 **discolor**

Agaeus discolor Dallas 1851 op. cit. 186; Stål 1865 Hem.
Afr. I. 181.
Halys pulchra Signoret 1851 A. S. E. France (2) IX. 331,
Pl. 10. f. 3.

Guinea.

2 **metallicus**

Agaeus metallicus Breddin 1900 Stett. E. Z. LXI. 303.

Sumatra.

3 **minus**

Agaeus minus Distant 1887 T. E. S. London 347, Pl. 12. f. 1;
and 1902 Faun. Ind. Rh. I. 121.

Assam.

4 **pavimentatus**

Agaeus pavimentatus Distant 1901 A. S. E. Belg. 30.

Kongo.

5 **tessellatus**

Agaeus tessellatus Dallas 1851 List 186, Pl. VI. f. 6; Distant
1902 Faun. Ind. Rh. I. 121, f. 64.

Tenasserim.

Eurydema.

Pentatoma subgen. *Eurydema* Laporte 1832 Essai 61 (type *oleracea*).

Eurydema Flor 1856 Rh. Liv. 19 ("emend").

Eurydema Stål 1872 O. V. A. F. XXIX. 39.

1 **adusta**

Strachia adusta Jakovlev 1878 Тр. Русск. Энт. Общ. X. 86.

N. Persia.

2 **blanda**

Eurydema blandum Horváth 1902 Ann. Mus. Hung. I. 407.
var. (b) *albicans* Horváth l. c.

Asia minor.

3 **cognata**

Strachia cognata Fieber 1864 Wien. E. M. VIII. 231; Puton
1881 Syn. Hém. France II. 72.

W. France; Portugal.

var. (b) *aeneiventris*

Eurydema cognatum var. *aeneiventer* Rey [? 1887 Echange
p. ?] 1888 Rev. Ent. VII. 96.

var. (c) *mixta*

? *Eurydema cognatum* var. *mixtum* Rey 1887 Echange p. ?

var. (d) *apicalis*

Eurydema cognatum var. *apicale* Noualhier 1897 Rev. Ent.
XVI. 77.

Madeira.

4 **colorata**

Strachia colorata Jakovlev 1882 Bull. S. N. Moscou LVI. 352.

S. Russia; N. Persia.

5 **consobrina**

Strachia consobrina Puton 1871 Pet. nouv. ent. I. 124.

Algeria.

var. (b) *uniformis*

Eurydema consobrinum var. *uniforme* Puton 1889 Rev. Ent.
VIII. 307.

var. (c) *petulans*

Eurydema consobrina var. *petulans* Horváth 1898 Rev. Ent.
XVIII. 152.

6 **cyanea**

Strachia cyanea Fieber 1861 Wien. E. M. V. 232; Puton
1881 Syn. Hém. France II. 74.

Spain; France.

7 **distincta**

Strachia distincta Jakovlev 1880 Тр. Русск. Энт. Общ.
XII. 44.

S. Russia.

8 **dominulus**

Cimex dominulus Scopoli 1763 Ent. Carn. 124.

C. cordiger Goeze 1778 Ent. Beytr. II. 277.

C. festivus Petagna 1787 Spec. Ins. Cal. 42; Donovan 1794
Brit. Ins. III. 78, Pl. Cl. f. IV (not Linneus).

Europe; Siberia;
Kamishata

Strachia festiva Hahn 1833 Wanz. I. 181, f. 93; Fieber 1861 Eur. Hem. 342; Saunders 1892 Hem. Het. Brit. Isl. 30, Pl. 3. f. 2 (not Linneus).

Pentatoma fimbriolatum Germar 1834 Faun. Ins. Eur. XVII. 9.
Eurydema ornata F. Sahlberg 1848 Geoc. Fenn. 24 (not Linneus).

Strachia minuscula Walker 1867 Cat. Het. II. 348.

Eurydema dominulus Reuter 1884 Rev. Ent. III. 68—69.

var. (b) *lhesgica*

Eurydema lhesgicum Kolenati 1846 Mel. Ent. IV. 28, Pl. XV. f. 31.

E. dauricum Motschulsky 1859 Bull. S. N. Moscou XXXII. 502.

var. (c) *albiventris*

Strachia festiva var. *albiventris* Jakovlev 1876 Bull. S. N. Moscou L. 105.

var. (d) *albovariata*

Eurydema dominulus var. *albovariatum* Reuter 1891 Oefv. Finsk. Förh. XXXIII. 177.

Foodplants: *Glossularia glossularia*; Cruciferae; Umbelliferae; *Sisymbrium sophiae*.

9 *festiva*

Cimex festivus Linneus 1767 Syst. Nat. (Ed. XII). 723; Wolff 1801 Ic. Cim. 61, Pl. VI. f. 58.

C. fallax Scholtz 1846 Arb. Schles. Ges. Vat. Kult. 154.

Strachia picta var. *cruentata* Puton 1881 Syn. Hém. II. 70.

var. (b) *pietella* nom. nov.

|| *Pentatoma pictum* H-S. 1834 Panzer's Faun. Germ. 116.

Strachia picta Hahn 1835 Wanz. III. 14, f. 240.

var. (b) *decorata*

Pentatoma decoratum H-S. 1834 l. c.

Strachia pustulata Fieber 1837 Weitenweber's Beitr. I. 352, Pl. 2. f. 31; 1861 Eur. Hem. 343.

Eurydema festivum var. *decoratum* Horváth 1888 Rev. Ent. VII. 187.

var. (d) *completa*

Eurydema decoratum var. *completa* Rey 1888 Rev. Ent. VII. 96.

var. (e) *simplicissima*

Eurydema decoratum var. *simplicissima* Rey 1888 l. c.

var. (f) *simplex*

Eurydema decoratum var. *simplex* Rey 1888 l. c. [? 1887 Echange p. ?].

var. (g) *mehadiensis*

Eurydema decoratum var. *mehadiense* Horváth 1882 Termész. füzet. V. 219.

E. do. var. *ventralis* Rey 1887 Echange p. ?

var. (h) *conjuncta*

Eurydema var. *conjuncta* Kolenati 1846 Mel. Ent. IV. 30.

var. (i) *christophi*

Strachia decorata var. *christophi* Jakovlev 1878 Тр. Рущк. Эн. Общ. VIII. 58.

var. (j) *putonia*

(ref. ?) Antessanty 1891 (ref. ?).

var. (k) *chlorotica*

Eurydema festivum var. *chloroticum* Horváth 1891 Rev. Ent. X. 78.

Foodplants: Umbelliferae; Cruciferae (cabbage; radish; mustard); Cereals.

Parasitized by *Pteromalus oomyzus* and *ovivorus* [Hymen.].

Europe; N. Africa; [Madeira?]; Canary Isles; Syria; Turkestan; Kashmir; China; [Siberia].

- 10 **formosa**
Eurydema formosum Puton 1895 Rev. Ent. XIV. 83. Syria.
- 11 **herbacea**
Pentatoma herbaceum H-S. 1834 Faun. Germ. 115. Europe; Asia minor.
 var. (b) **fleberi**
 || *Cimex dominulus* Harrer 1784 Beschr. Schaeff. Ins. 300.
Eurydema fleberi Fieber 1837 Weitenw. Beitr. II. 353, f. 32
 a. 34; Reuter 1884 Rev. Ent. III. 69.
Pentatoma ornata var. *schaefferi* Gorski 1852 Anal. ent. ross. 85.
Strachia dominula Fieber 1861 Eur. Hem. 344.
 var. (c) **armeniaca**
Eurydema armeniacum Kolenati 1846 op. cit. 28, Pl. XV. f. 32.
E. fleberi var. *armeniaceum* Horváth 1901 Termész. füzet.
 XXIV. 473.
 var. (d) **meyeri**
Strachia meyeri Fieber 1861 l. c.
 var. (e) **caucasica**
Strachia dominula var. *caucasica* Jakovlev 1874 Тр. Русск.
 Эн. Общ. VII. 22.
Eurydema fleberi var. *causicum* Horváth l. c.
 var. (f) **caligata**
Eurydema fleberi var. *caligatum* Horváth op. cit. 472.
 Foodplants: *Leontix bongardiana*; Cruciferae; Umbelliferae.
- 12 **laticollis**
Eurydema laticolle Horváth 1907 Ann. Mus. Hung. V. 297;
 with vars. *discors* (298) and *hypoxanthum* (298). Persia.
- 13 **lineola**
Strachia lineola Baerensprung 1859 Berlin. E. Z. II. 205.
 f. 12; Fieber 1861 Eur. Hem. 345.
Eurydema do. Reuter 1900 Oefv. Finsk. Förh. XLII. 236. Spain; Algeria.
- 14 **liturifera**
Strachia liturifera Walker 1867 Cat. Het. II. 326.
Eurydema vicarium Horváth 1889 Termész. füzet. XII. 32.
E. lituriferum Distant 1902 Faun. Ind. Rh. 191.
 var. (b) **supplens**
Eurydema vicarium var. *supplens* Horváth op. cit. 33. Sikkim; Burma. *Кармюр*
- 15 **maracandica**
Eurydema maracandica Oshanin 1870 Изв. Общ. Н. Ест.
 Антр. Эн. VIII. 202. S. Russia; Turkestan.
- 16 **multipunctata**
Eurydema multipunctata Distant 1887 T. E. S. London 348,
 Pl. 12. f. 6. [Assam?]
E. multipunctatum Distant 1902 Faun. Ind. Rh. I. 192.
- 17 **nigriceps**
Eurydema nigriceps Reuter 1884 Rev. Ent. III. 67. Algeria.
 var. (b) **collaris**
Eurydema nigriceps var. *collare* Horváth 1902 Ann. Mus.
 Hung. I. 408.
 var. (c) **vitticollis**
Eurydema nigriceps var. *vitticolle* Horváth 1907 op. cit. V. 299.
- 18 **oleracea**
Cimex oleraceus Linneus 1758 Syst. Nat. (Ed. X). p. 446;
 de Geer 1773 Mém. III. 268, Pl. 15. f. 22—23. Europe; Asia minor;
C. olerareus Wolff 1800 Ic. Cim. I. 16, f. 16. (laps. cal.) Turkestan; Siberia.
C. flavatus Schrank 1776 Beytr. Nat. 79.
C. albomarginatus Goeze 1778 Ent. Beytr. II. 275.
C. flavomaculatus Goeze op. cit. 277.

Strachia oleracea Hahn 1833 Wanz. I. 182, f. 94, Fieber 1861 Eur. Hem. 345; Douglas and Scott 1865 Br. Hem. 86, Pl. 3. f. 2; Fairmaire 1884 Deyrolle's H. N. France XI, Pl. 2. f. 6; Saunders 1892 op. cit. 30, Pl. 3. f. 3.

Eurydema oleracea Horváth 1885 Rovart. Lap. II. 74.

[? *E. variventris* Rey 1887 Echange.]

var. (b) **albomarginella**

Cimex albomarginellus Fabricius 1794 Ent. Syst. IV. 123.

Eurydema albomarginella Stål 1868 Svensk. Vet. Handl. 7. no. 11. p. 30.

var. (c) **angularis**

Eurydema oleraceum var. *angularis* Kolenati 1846 op. cit. 23.

var. (d) **insidiosus**

Strachia oleracea var. *insidiosa* Mulsant et Rey 1866 A. S. Linn. Lyon op. cit.

var. (e) **zetterstaedtii**

|| *Cimex annulatus* Fallén 1807 Mon. Cim. 49.

Pentatoma oleracea var. *zetterstaedtii* Gorski 1852 Anal. ent. ross. 83.

var. (f) **consimilis**

Eurydema oleraceum var. *consimile* Horváth 1885 Rovart. Lapok. 78.

var. (g) **paradoxa**

Eurydema oleraceum var. *paradoxum* Horváth 1885 l. c.

var. (h) **triguttata**

Eurydema oleraceum var. *triguttatum* Horváth 1885 op. cit. 79.

var. (i) **nigripes**

Eurydema oleraceum var. *nigripes* Horváth 1885 l. c.

var. (k) **atavus**

Eurydema oleraceum var. *atavum* (!) Horváth 1885 op. cit. 80.

E. oleracea var. *atava* (!) Leth. et Sev. 1893 Cat. I. 153.

§ de Geer l. c., very destructive in Sweden in 1760 to Cabbage; note on copulation.

§ Karsch 1886 Sb. Berl. E. Z. p. XXIII; and Ent. Nachr. XII. 301—4.

§ Müller 1897 Ill. Woch. Ent. II. 653.

Foodplants: *Pimpinella saxifraga*; *Brassica oleracea*; Cereals; Potato; Asparagus.

Parasitized by *Pteromalus oophagus* [Hymen.].

19 **gebleri**

Cimex sexpunctatus Gmelin 1789 Syst. Nat. (Ed. XIII). 2150;

Gebler 1817 Mém. Mosc. V. 334 (not Linneus).

Eurydema gebleri Kolenati 1846 Mel. Ent. IV. 23, Pl. 15. f. 30.

Strachia picturata Stål 1858 Stett. E. Z. XIX. 178.

S. gebleri Fieber 1861 Eur. Hem. 342.

Eurydema sexpunctata Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 85.

Foodplants: *Cleome iberica*; *Rapistrum rugosum*.

20 **ornata**

Cimex ornatus Linneus 1758 Syst. Nat. (Ed. X). 446; Sulzer 1761 Kennz. Ins. 27, Pl. 11. f. 73; Wolff 1800 Ic. Cim. I. 15, Pl. 2. f. 15.

Strachia ornata Hahn 1835 Wanz. III. 12, f. 238; Fieber 1861 Eur. Hem. 342; Puton 1881 Syn. Hém. France II. 69.

var. (b) **pectoralis**

Strachia ornata var. *pectoralis* Fieber 1861 l. c.

var. (c) **dissimilis**

Strachia ornata var. *dissimilis* Fieber l. c.

S. Russia; Turkestan;
Tibet; Siberia.

Europe; N. Africa;
Canary Isles; Asia
Minor; Syria; Crete;
Turkestan.
Linné

var. (d) **ventralis***Eurydema* var. *ventralis* Kolenati 1846 op. cit. 26.var. (e) **hoffmauseggi***Strachia herbacea* Hahn 1835 Wanz. III. 13, f. 239 (not H-S.).*Pentatoma ornata* var. *hoffmanseggi* Gorski 1852 op. cit. 85.var. (f) **falleni***Pentatoma* var. *falleni* Gorski 1852 op. cit. 87.

§§ Dufour 1833 Mém. Sav. étr. Paris IV. 158, 250, 271, 287, 331, 369, 398, 409 (anat. etc.); Pl. XIV. f. 164—65 (ova).

§ Kollar 1840 Ins. inj. Garden. 148; pierces leaves of Cabbage like a sieve.

§ Karsch cf. *E. oleracea*.

§§ Fabre 1903 Souv. ent. VIII. 74 etc. (habits), textf. c. (ovum).

Foodplants: *Brassica oleracea*; Potato.Parasitized by *Eulophus pectinicornis*; *Pteromalus ovicorus*, and *oomyzus*; *Teleas pentatomae* [Hymen.].21 **placens***Strachia placens* Walker 1870 Zool. (2) p. 2340.

Syria.

22 **pulehra***Pentatoma pulehra* [Westwood] 1837 Cat. Hope I. 34.*Eurydema sumatrana* Ellenrieder 1862 Nat. Tijdschr. Ned. Ind. XXIV. 152, Pl. 4. f. 20.*Strachia designata* Walker 1867 Cat. Het. II. 327.*Eurydema amoenum* Horváth 1879 Termész. füzet. III. 144, Pl. VII. f. 1.*E. pulchrum* Distant 1902 Faun. Ind. Rh. I. 190, f. 114.Foodplants: *Raphanus caudatus*.

India; Assam; Burma; China; Japan; Sumatra; Java [? Queensland].

23 **putoni***Strachia putoni* Jakovlev 1878 Тр. Русск. Эн. Общ. X. 84, Pl. 2. f. 3.

N. Persia.

24 **rotundicollis***Strachia rotundicollis* A. Dohrn 1866 Stett. E. Z. XIX. 103, Pl. 3. f. 4.*S. dominula* var. *rotundicollis* Puton 1881 op. cit. 71.

Switzerland; France.

25 **rugosa***Eurydema rugosa* Motshulsky 1861 Études Ent. X. 22.*Strachia signata* Walker 1867 op. cit. 328.*S. marginifera* Walker l. c.

Japan; N. China.

26 **rugulosa***Strachia rugulosa* A. Dohrn 1860 op. cit. 103, Pl. 3. f. 6; Fieber 1861 Eur. Hem. 345; Puton 1881 Mt. Schweiz. E. Ges. VI. 120.

Greece; Turkey; Cyprus; Asia minor; Syria; Egypt; Abyssinia.

var. (b) **nigrorubra***Eurydema rugulosum* var. *nigrorubra* Reuter 1900 Oefv. Finsk. Förh. XLII. 237.27 **scutellata***Strachia scutellata* Jakovlev 1883 Rev. mens. ent. I. 14; and Bull. S. N. Moscou LVIII. 424.

Turkestan.

28 **spectabilis***Eurydema spectabile* Horváth 1882 Temész. füzet. V. 219, Pl. V. fs. 3—4; Montandon 1886 Rev. Ent. V. 259.Foodplant: *Kakile maritima*.

Turkey; Dalmatia; Syria; Asia minor.

29 **wilkinsi***Eurydema wilkinsi* Distant 1879 T. E. S. London 123, Pl. 5. f. 4; and Sci. res. 2nd Yarkand Miss. Hem. 5, f. 4.*Strachia conspicua* Jakovlev 1881 op. cit. LVI. 206.

Turkestan (Turkomania; Kashgaria).

Aplerotus.

Dallas 1851 List 195 a. 256 (type *maculatus*).

S. Australia.

1 *maculatus**Aplerotus maculatus* Dallas 1851 op. cit. 256, Pl. 9. f. 3;
Waterhouse 1880 Aid ident. ins. I. Pl. 16.

Stenozygum.

Stenozygum Fieber 1861 Eur. Hem. 340 a. 345; Stål 1867 O. V. A. F. XXIV. 520;
and 1876 Svensk. Vet. Handl. 14. no. 4. p. 86 (type *variegatum* = *coloratum*).
Nitilia subgen. *Minodia* Mulsant et Rey 1867 A. S. Linn. Lyon (2) XIV. 122 (same type).*Stenozygum* (!) Puton 1899 Cat. Hém. pal. (Ed. IV). p. 17.1 *alienatum**Cimex alienatus* Fabricius 1803 Syst. Rh. 173.
Pentatoma elegans Pal. Beauv. 1805 Ins. Afr. Amér. 113,
Hém. Pl. 8. I. 5.¹⁾

Cape Colony; Nyasaland; Gold Coast.

2 *angulare*|| *Pentatoma varia* [Westwood] 1837 Cat. Hope l. c.
Strachia angularis Schaum 1853 Monatsber. Ak. Berl. 357;
and 1862 Peters' Reise Mossamb. Ins. 39, Pl. 2. f. 3.
Stenozygum varium Stål 1865 Hem. Afr. I. 186.

Cape Colony; German E. Africa.

3 *australe**Stenozygum australis* (!) Distant 1881 T. E. S. London 214.

Queensland (Peak Downs).

4 *bergrothi*|| *Stenozygum bicolor* Schouteden 1902 Wien. E. Z. XXI. 235.
S. bergrothi Schouteden 1904 A. S. E. Belg. XLVIII. 138.

Kongo.

5 *bicolor**Strachia bicolor* Dallas 1851 List 262.

Philippines.

6 *coloratum**Cimex coloratus* Klug 1845 Symb. phys. V, Pl. 44. f. 5.²⁾
Stenozygum variegatum Fieber 1861 Eur. Hem. 345.
Nitilia variegata Mulsant et Rey 1866 l. c.Turkey; Cyprus;
Syria; Nubia.7 *comptum**Stenozygum comptum* Breddin 1899 Beih. Jb. Hamb. Wiss.
Anst. XVI (2). 163, Pl. f. 3.

Lombok.

8 *decoratum**Stenozygum decoratum* Schouteden 1902 Wien. E. Z. XXI. 236.9 *erythrasis**Pentatoma erythrasis* Boisduval 1835 Voy. Astrolabe, Ent.
II. 629, Pl. 11. f. 8.*P. erythrasis* (!) Montrouzier 1855 A. S. Agr. Lyon (2) VII. 96.var. (b) *sanguineguttata**Strachia sanguineguttata* Vollenhoven 1868 op. cit. 185.
Stenozygum sanguineguttatum Stål 1876 Svensk. Vet. Handl.
14. no. 4. p. 87.

Papua; Moluccas (Ceram; Jilolo; Batchian); Ke Is.; Murua; New Ireland (Havre Carteret); Birara.

var. (c) *birarae* nov. Breddin 1900 Ent. Nachr. XXVI. 22.~~*S. sanguineguttatum* var. λ~~ 10 *gemmeum**Strachia gemmea* Walker 1867 Cat. Het. II. 346.*S. lepida* Walker 1867 op. cit. 347.*Stenozygum gemmeum* Breddin 1901 Abh. Nat. Ges. Halle
XXIV. 46.Papua; Moluccas (Ceram; Batchian); Celebes. *Kaisa*11 *insignatum**Strachia insignata* Walker 1867 op. cit. 343.

Celebes.

¹⁾ Distant (1902 Faun. Ind. Rh. I. 195) alleges *P. elegans* to be a species of *Strachia*. Stål places it as above.²⁾ by mistake, the plate is named "*variegatus*".

- S. marginalis* Walker 1867 l. c.
S. rubescens Vollenhoven 1868 Versl. Ak. Amst. Nat. (2) II. 186.
Stenozygum insignitum Breddin 1901 op. cit. 47.
- 12 **laetabile** — ?
Strachia laetabilis Walker 1868 op. cit. III. 563.
- 13 **madagascariense** Madagascar.
Strachia madagascariensis Signoret 1861 A. S. E. France (3) VIII. 933, Pl. 13. f. 5.
Stenozygum madagascariense Stål 1865 Hem. Afr. I. 183.
- 14 **miniatulum** N. W. Australia.
Stenozygum miniatulum Distant 1900 T. E. S. London 169, Pl. 2. f. 7.
- 15 **mirabile** Madagascar.
Strachia mirabilis Signoret 1861 op. cit. 932.
Stenozygum mirabile Stål 1865 l. c.
- 16 **mombasanum** E. Africa.
Stenozygum mombasanum Schouteden 1904 Mem. S. Españ. N. H. I. 137.
- 17 **persignatum** N. Queensland.
Strachia persignata Walker 1867 op. cit. II. 347.
S. coelestis Vollenhoven 1868 l. c.
Stenozygum persignatum Distant 1881 op. cit. 213.
- 18 **poecilum** S. Africa.
Strachia poecila Dallas 1851 List 260.
- 19 **sculpticolle** Sierra Leone; Kame-run.
Strachia sculpticollis Stål 1855 O. V. A. F. XII. 182; and 1856 op. cit. XIII. 59.
Stenozygum sculpticolle Stål 1865 Hem. Afr. I. 185; Distant 1878 Ent. Mo. Mag. XIV. 246.
var. (b) **ornata** nov. nom.
= var. b. Distant 247.
var. (c) **pieta** nov. nom.
= var. c. Distant l. c.
var. (d) **picturata** nov. nom.
= var. d. Distant l. c.
- 20 **senegallense** Cape Colony; Senegal.
Cimex senegallensis Fabricius 1803 Syst. Rh. 179.
Pentatoma gloriosa [Westwood] 1837 Cat. Hope I. 34.
Cimex musivus Germar 1837 Silb. Rev. Ent. V. 176.
Eurydema musiva H-S. 1844 Wanz. VII. 84, f. 751.
Stenozygum gloriosum Stål 1865 l. c.
S. senegalense Leth. et Sev. 1893 Cat. Het. I. 155 (laps. cal.).
- 21 **speciosum** India; Ceylon; Burma.
Strachia speciosa Dallas 1851 List 261.
S. inornata Walker 1867 op. cit. 331.
Stenozygum speciosum Distant 1902 Faun. Ind. Rh. I. 193, f. 115.
- 22 **tricolor** Philippines.
Stenozygum tricolor Stål 1870 O. V. A. F. XXVII. 631.
- 23 **varelai** Kamerun.
Stenozygum varelai Schouteden 1904 Mem. Soc. Españ. N. H. I. 138.
- 24 **varians** Timor.
Strachia varians Vollenhoven 1868 l. c. 185.

Murgantia.

Stål 1862 Stett. E. Z. XXIII. 105; 1867 O. V. A. F. XXIV. 529 (type *tessellata*).

1 bifasciata

Brazil; Costa Rica.

Pentatoma bifasciatum H-S. 1836 Wanz. III. 96. f. 321.

P. trifasciata [Westwood] 1837 Cat. Hope I. 37.

2 histrionica

Costa Rica; Guatemala; Mexico; United States.

Strachia histrionica Hahn 1834 Wanz. II. 116, f. 196.

S. histrionica Glover 1868 Rep. U. S. Agr. for 1867 p. 71, fig.

Murgantia histrionica Stål 1872 Svensk. Vet. Handl. 10. no. 4.

p. 37; Uhler 1876 Bull. U. S. Geol. Surv. II. 290; Pl.

19. f. 9; and 1877 op. cit. III. 404; Distant 1880 B.

C. A., Het. I, Pl. 7. f. 21.

var. (b) *nigricans* Cockerell 1903 Bull. S. California Ac. II. 85.

§§ Riley 1872 Rep. Ins. Missouri IV. 35—38, f. 17.

§§ Glover 1876 Rep. U. S. Agr. for 1875, p. 116, f. 3 (o.).

§§ Packard 1877 Rep. U. S. Geol. Surv. III. 755—57, f. 27.

§§ Lintner 1883 Rep. Ins. N. York I. 264—71, f. 77 (o—a);

1894 Rep. N. Y. Mus. XLVI. [9th Ins. Rep.] 315—17, f. 8 (o—a).

§ Riley 1885 Rep. U. S. Agr. for 1883, pp. 309—12.

§ Webster 1895 P. E. S. Washington III. 288—90.

§§ Howard 1895 Circ. U. S. Ent. (2) X. 1—2, fig. (o—a.).

§ Sanderson 1900 Bull. U. S. Ent. XXVI. 66—67.

§§ Lugger 1900 Rep. Ent. Minnesota VI. 89, f. 85 (o—a.).

§§ Sanderson 1903 Rep. Delaware Exp. Sta. XIV. 139, f. 15 a. 16 (o—a.).

§§ Forbes 1905 Rep. Ent. Illinois XXIII. 196, f. 197 (o—a.).

§ Howard 1900 Can. Ent. XXX. 17—18 (parasite).

Foodplants: all cultivated Cruciferae; Cucurbitae; Asparagus; *Cleome serrulata*; grapes; *Zea mays* (var. *nigricans* on *Isomeris arborea*).

Preyed on by *Theognis phyllopus* [Hem.] (Lintner).

Parasitized by *Encyrtus johnsoni* and *Trissolcus murgantiae* [Hym.].

3 tessellata

Brazil.

Pentatoma tessellata Amyot et Serville 1843 Hém. 130, Pl. 3. f. 5.

Murgantia tessellata Stål 1872 l. c.

4 varicolor

Brazil; Colombia; Panama; Mexico; W. United States.

Pentatoma varicolor [Westwood] 1837 l. c.

Strachia munda Dallas 1851 List 264.

S. munda Stål 1861 Stett. E. Z. XXII. 141 (as sp. n.).

Murgantia do. Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 37;

Distant 1880 op. cit., Pl. 7. f. 20.

(§ [= ? this species] Riley and Howard 1891 Ins. Life IV. 83 — foodplant, radish.)

5 violascens

Florida; Jamaica.
[? Brazil.]

Pentatoma violascens [Westwood] 1837 op. cit. 34.

Strachia concinna Dallas 1851 op. cit. 265.

Murgantia violascens Van Duzee 1904 T. Amer. E. S. XXX. 57.

Cinxia.

Stål 1862 Stett. E. Z. XXIII. 105; and 1867 O. V. A. F. XXIV. 520 (type *limbata*).

1 limbata

Assam; Burma; Tenasserim; Malay Pen.; Sumatra; Java.

Cimex limbatus Fabricius 1803 Syst. Rh. 176; H-S. 1838 Wanz. IV. 91, f. 430.

Cinxia limbata Distant 1902 Faun. Ind. Rh. I. 195, f. 117.

§§ Ellenrieder 1862 Nat. Tijdschr. Ned. Ind. XXIV. 153, Pl. 4.

f. 22 (nymph).

Foodplant: *Citrus limonellus*.

Parastrachia.

Distant 1883 T. E. S. London 424 (type *fulgens* = *japonica*).

1 japonica

Asopus japonicus Scott 1880 A. M. N. H. 308; Horváth 1899

Termész. füzet. XXII. 374 (ref.).

Parastrachia fulgens Distant 1883 op. cit. 425, Pl. 19. f. 5.

Japan.

Strachia.

Hahn 1833 Wanz. I. 180; Stål 1862 Stett. E. Z. XXIII. 105; and 1867 O. V. A.

F. XXIV. 520 (type *crucigera*).

1 crucigera

Strachia cruciger Hahn 1833 op. cit. 184, f. 95.

S. flammula Ellenrieder 1862 op. cit. 153, Pl. 4. f. 23.

S. crucigera Distant 1902 op. cit. 195, f. 118.

Assam; Burma; Tenasserim; Malay Pen.; Sumatra; Borneo; Java.

var. (b) *strangulata*

Strachia strangulata Walker 1867 Cat. Het. II. 344. *Penang*.

§ Ellenrieder l. c.

Compsoprepes.

Stål 1867 O. V. A. F. XXIV. 520; and 1876 Svensk. Vet. Handl. 14. no. 4. p. 87 (type *bilunulatus*).

1 bilunulatus

Cosmoprepes (!) *bilunulatus* Haglund 1868 Stett. E. Z. XXIX. 155.

Compsoprepes do. Stål 1876 l. c.

Waigiu Is.

2 callideoides

Strachia callideoides Walker 1867 Cat. Het. II. 345.

Waigiu Is.

3 calliphoroides

Strachia calliphoroides Walker 1867 l. c.

Cosmoprepes (!) *biguttatus* Haglund 1868 op. cit. 156.

Compsoprepes calliphoroides Stål 1876 l. c.

Aru Is.

Bagrada.

Bagrada Stål 1862 Stett. E. Z. XXIII. 105; 1865 Hem. Afr. I. 187; and 1872 O.

V. A. F. XXIX. 39 (type *picta* = *hilaris*).¹⁾

subgen. (b) *Nitilia* Mulsant et Rey 1867 A. S. Linn. Lyon (2) XIV. 120 (type *stolida*).

(a) subgen. typ.

1 elegans

Bagrada elegans Puton 1873 A. S. E. France (5) III. 14, Pl. 1. f. 2.

Spain.

2 hilaris

— — Stoll Pun. f. 237.

Cimex hilaris Burmeister 1835 Handb. Ent. II. 368 (not described, refers to Stoll).

C. hebraicus Germar 1837 Silb. Rev. Ent. V. 177.

C. pictus H-S. 1840 Wanz. V. 64, f. 508 (not Fabr.).

C. jucundus Klug 1845 op. cit. V., Pl. 44. f. 6.

Bagrada hilaris Stål 1865 Hem. Afr. I. 187; and 1876 Svensk. Vet. Handl. 14. no. 4. p. 88.

Arabia; Algeria; Cape Colony; Orange River Colony; Transvaal; Nyasaland.

§§ Lounsbury 1904 Agr. J. C. of G. Hope XXVI. 14, 2 figs.

§ Dewar 1905 Rep. Orange River Col. Agr. I. [ex 138—238.]

Foodplants: *Brassica* and other Cruciferae.

¹⁾ Distant (Faun. Ind.) cites *picta* Fabr. in error

- 3 **kaufmanni** Turkestan.
Stenozygum kaufmanni Oshanin 1870 Изв. Общ. II. Ест.
 АНТр. Энт. VIII. 203.
- 4 **cruciferarum** nom. nov. India; Ceylon; Arabia; Abyssinia.
 || *Cimex pictus* Fabricius 1775 Syst. Ent. 715; Wolff 1800 Ic.
 Cim. 17, Pl. 2. f. 17.
Bagrada picta Distant 1902 Faun. Ind. Rh. I. 193, f. 116;
 Lefroy 1906 Ind. Ins. Pests 235, f. 278.
 Foodplant: Natal Indigo; Mustard; Rape.
- 5 **poecila** Asia minor; Arabia.
Cimex poecilus Klug 1845 op. cit., Pl. 44. f. 5.
Strachia amoenula Walker 1870 Zool. (2) p. 2340.
 var. (b) **abeillei** Syria.
Bagrada abeillei Puton 1881 Mt. Schweiz. E. Ges. VI. 121.
 var. (c) **funerea** Horváth 1901 Termész. füzet. XXIV. 473. Asia minor.
- (b) subgen. **Nitilia**.
- 6 **stolida** Hungary; Turkey; Greece; S. Russia; Turkestan.
Eurydema stolidum H-S. 1839 Wanz. IV. 101, f. 448.
Strachia stolida Fieber 1861 Eur. Hem. 344.
Bagrada do. Stål 1876 op. cit. 87.

Capnoda.

- Jakovlev 1887 H. S. E. Ross. XXI. 309 (type *nigroaenea*).
- 1 **batesoni** Turkestan; N. Mongolia.
Capnoda batesoni Jakovlev 1889 op. cit. XXIV. 324; Reuter
 1891 Oefv. Finsk. Förh. XXXIII. 177.
- 2 **caucasica** S. Russia.
Capnoda caucasica Horváth 1897 Rev. Ent. XVI. 83.
- 3 **nigroaenea** Dzungaria (= N. W. Mongolia).
Capnoda nigroaenea Jakovlev 1887 op. cit. XXI. 310.

Trochiscocoris.

- || *Trochiscus* Jakovlev 1880 Тр. Русск. Энт. Общ. XII. 46 (type *hemipterus*).
Trochiscocoris Reuter 1890 Rev. Ent. IX. 249 (new name).
- 1 **hemipterus** S. Russia [? Hungary].
Trochiscus hemipterus Jakovlev 1880 op. cit. 47.
- 2 **rotundatus** Hungary.
Trochiscocoris rotundatus Horváth 1895 Rev. Ent. XIV. 154.
- 3 **sanguinolentus** Asia minor.
Trochiscocoris sanguinolentus Horváth 1895 op. cit. 153.

Dismegistus.

- Amyot et Serville 1843 Hém. 99; Stål 1865 Hem. Afr. I. 27 (type *circumcinctus* = *fimbriatus*).
- 1 **costalis** Abyssinia.
Dismegistus costalis Reiche et Fairmaire 1849 Voy. Abyss.
 Ent. 438, Pl. 29. f. 1; Stål 1865 op. cit. 28.
Cydnus abyssinicus H-S. 1851 Wanz. IX. 345, f. 1004.
- 2 **fimbriatus** Cape Colony; Mashonaland; Transvaal.
Cimex fimbriatus Thunberg 1783 Nov. sp. ins. I. 47, Pl. 2.
 f. 61.
Alydus do. Thunberg 1822 Hem. rostr. Cap. 3.
Cydnus circumcinctus Hahn 1834 Wanz. II. 115, f. 195.
Dismegistus fimbriatus Stål 1865 l. c.
Strachia aenescens Walker 1867 Cat. Het. II. 325.

3 **funebria**

Dismegistus funebris Distant 1900 T. E. S. London 169,
Pl. 2. f. 8.

German E. Africa.

4 **binotatus**

|| *Cimex sanguineus* de Geer 1778 Mém. VII. 616, Pl. 46, f. 1.
Pentatoma binotata [Westwood] 1837 Cat. Hope I. 34.
Cydnius sanguinolentus Germar 1837 Silb. Rev. Ent. V. 184.
C. sanguinolentus H-S. 1851 Wanz. IX. 346, f. 1005 (as sp. n.).
Dismegistus binotatus Stål 1865 op. cit. 27.

Transvaal; Cape Colony;
Portuguese E. Africa.

Arocera.

Arocera Spinola 1837 Essai Hém. 316; Stål 1867 O. V. A. F. XXIV. 529; and 1872
Svensk. Vet. Handl. 10. no. 4. p. 37 (type *aurantiaca* = *acroleuca*).
Ooedosoma Amyot et Serville 1843 Hém. 128 (type *acroleuca*).
Estiphoria Gistel 1848 Naturg. Thierr. p. VIII (new name).
subgen. (b) **Euopta** Stål 1872 op. cit. p. 38 (type *spectabilis*!)

(a) subgen. typ.

1 **acroleuca**

Pentatoma acroleucum Perty 1833 Del. An. 168, Pl. 38. f. 11.
Cimex acroleucus Burmeister 1835 Handb. Ent. II. 366.
Pentatoma aequinoxialis [Westwood] 1837 Cat. Hope I. 33.
Arocera aurantiaca Spinola 1837 op. cit. 318.
Ooedosoma acroleucum Amyot et Serville 1843 l. c.
Arocera acroleuca Stål 1872 op. cit. 38.

Nicaragua; Costa Rica;
Br. Guiana; Brazil.

(b) subgen. **Euopta**.¹⁾2 **affinis**

Arocera affinis Distant 1880 B. C. A. Het. I. 74, Pl. 7. f. 19.

Mexico; Guatemala;
Nicaragua; Panama.

3 **altivola**

Arocera altivola Distant 1890 B. C. A. Het. I. 337, Pl. 31. f. 18.

Panama.

4 **apta**

Strachia apta Walker 1867 Cat. Het. II. 323.
Arocera do. Distant 1880 op. cit. 73, Pl. 7. f. 12.

Brazil; Panama; B. Guiana.

5 **chiriquensis**

Arocera chiriquensis Distant 1890 op. cit. 337, Pl. 30. f. 19.

Panama.

6 **crucigera**

Arocera crucigera Haglund 1868 Stett. E. Z. XXIX. 157;
Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 38.

N. Brazil.

7 **jalapensis**

Arocera jalapensis Distant 1890 l. c., Pl. 30. f. 18.

Mexico.

8 **melanopyga**

Strachia melanopyga Stål 1858 O. V. A. F. XV. 437.
Arocera do. Stål 1862 Stett. E. Z. XXIII. 107; Distant 1880
op. cit., Pl. 7. f. 11.

Mexico.

9 **nigropicta**

Strachia nigropicta Walker 1867 op. cit. 318.

Brazil.

10 **nigrorubra**

Strachia? nigrorubra Dallas 1851 List 267.
S. quadripunctata Signoret 1851 A. S. E. France (2) IX. 337,
Pl. 10. f. 4.
Arocera nigrorubra Stål 1872 Svensk. Vet. Handl. 10. no. 4.
p. 38.

Colombia.

11 **patibulata**

Arocera patibulata Distant 1880 op. cit. 74, Pl. 7. f. 17.

Costa Rica.

¹⁾ The various Dallasian, Walkerian and Distantian species appear to belong to this subgenus, but it is impossible to be certain from the descriptions.

- 12 **placens** *Strachia placens* Walker 1867 op. cit. 316. Hispaniola [= Haiti].
- 13 **proteus** *Arocera protea* (!) Distant 1880 op. cit. 73, Pl. 7. f. 18. Mexico; Guatemala.
- 14 **rufifrons** *Strachia?* *rufifrons* Dallas 1851 List 267. Brazil.
- 15 **rufolimbata** *Arocera rufolimbata* Stål 1872 l. c. S. Brazil.
- 16 **rufonotata** *Arocera rufonotata* Stål 1861 Stett. E. Z. XXII. 140; Distant 1880 op. cit., Pl. 7. f. 15. Mexico; Guatemala.
- 17 **schumanni** *Arocera schumanni* Distant 1890 op. cit. 336, Pl. 31. f. 17. Mexico.
- 18 **spectabilis** *Cimex spectabilis* Drury 1782 Ill. Ins. III, Index and 66, Pl. 46. f. 4. Brazil (Rio de Janeiro).
Strachia generosa Stål 1854 O. V. A. F. XI. 233.
- 19 **splendens** † *Pentatoma splendens* Blanchard 1841 Hist. Nat. Ins. 148; and 1849 in D'orb. Dict. Atlas. Hém. Pl. 4. f. 5. Mexico; Honduras; Guatemala; Costa Rica; Panama; Colombia; Venezuela.
P.? *splendida* Dallas 1851 op. cit. 256.
P. principalis Stål 1855 O. V. A. F. XII. 182; and 1856 op. cit. XIII. 58.
Arocera do. Stål 1862 Stett. E. Z. XXIII. 107.
A. splendens Stål 1862 l. c.; and 1872 Svensk. Vet. Handl. 10. no. 4. p. 38; Distant 1880 op. cit., Pl. 7. figs. 13—14.

Epipedus.

Spinola 1837 Essai Hém. 315 (type *histrío*).

- 1 **histrío** *Epipedus histrío* Spinola l. c. Brazil.

Runibia.

- Stål 1861 Stett. E. Z. XXII. 140; 1867 O. V. A. F. 529 (type *perspicua*!).
- 1 **decorata** *Strachia?* *decorata* Dallas 1851 List 266. French Guiana; Brazil; Peru.
var. (b) **alligata** *Strachia alligata* Walker 1867 Cat. Het. II. 320. P.I. Luzon
- 2 **discoidea** *Cimex discoideus* Fabricius 1787 Mant. Ins. II. 295. Brazil.
Arocera circumcincta Signoret 1851 A. S. E. France (2) IX. 339, Pl. 10. f. 6.
Strachia circumducta Stål 1854 O. V. A. F. XI. 233; and 1856 op. cit. XIII. 60.
Runibia discoidea Stål 1868 Svensk. Vet. Handl. 7. no. 11. p. 30.
R. circumducta Stål 1872 op. cit. 10. no. 4. p. 39.
- 3 **eupta** *Strachia eupta* Walker 1867 l. c. N. Brazil.
Arocera do. Stål 1872 l. c.
- 4 **perspicua** *Cimex perspicuus* Fabricius 1798 Ent. Syst. Suppl. 533; H-S. 1838 Wanz. IV. 91, f. 429. "Central America"; Isl. St. Thomas; Guiana; Brazil; Uruguay; Argentine. *Indica* (USNA)
Pentatoma perspicua Amyot et Serville 1843 Hém. 130, Pl. 3. f. 4.
Strachia eucosma Walker 1867 op. cit. 319.
Arocera do. Bergroth 1891 Rev. Ent. X. 226.

5 **picturata***Arocera picturata* Breddin 1904 Soc. Ent. XVIII. 177.

Perú.

6 **proxima***Pentatoma proxima* Dallas 1851 op. cit. 255.

Jamaica.

Boea.Walker 1867 Cat. Het. II. 405 (type *purpurascens*).1 **auriflua***Boea auriflua* Walker op. cit. 406.

Brazil (Amazons).

2 **costaricensis***Boea costaricensis* Distant 1890 B. C. A., Het. I. 338, Pl. 30. f. 23.

Costa Rica.

3 **postica***Boea postica* Walker l. c.

Brazil (Amazons).

3 **purpurascens***Boea purpurascens* Walker op. cit. 405.

Brazil (Amazons).

Alcimocoris.|| *Alcimus* Dallas 1851 List 194 a. 218; Stål 1867 O. V. A. F. XXIV. 511 (type *lineolatus*).*Alcimocoris* Bergroth 1891 Rev. Ent. X. 214 (new name).1 **borealis***Alcimus borealis* Distant 1883 T. E. S. London 423.

Japan.

2 **collaris***Alcimus collaris* Vollenhoven 1868 Versl. Ak. Nat. Amst. (2) II. 182.

Timor.

3 **coronatus***Alcimus coronatus* Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 88.

N. India; Burma.

Alcimocoris do. Distant 1902 Faun. Ind. Rh. I. 175, f. 104.4 **flavicornis***Alcimus flavicornis* Distant 1887 T. E. S. London 349.
Alcimocoris do. Distant 1902 Faun. Ind. Rh. I. 176.

N. India.

5 **japonensis***Alcimus japonensis* Scott 1880 T. E. S. London 310.

Japan.

6 **lineolatus***Alcimus lineolatus* Dallas 1851 op. cit. 218, Pl. VIII. f. 2.

Philippines.

7 **lineosus***Alcimus lineosus* Walker 1867 op. cit. 267.

Celebes.

A. venustus Vollenhoven 1868 l. c.8 **parvus***Alcimocoris parvus* Distant 1902 l. c.

Assam.

9 **potanini***Alcimocoris potanini* Horváth 1892 Termész. füzet. XV. 134.

N. China (Wei-ho).

Taurodes.Dallas 1851 List 194 a. 219 (type *boops*).1 **boops***Taurodes boops* Dallas 1851 op. cit. 220, Pl. VIII. f. 3.

Philippines.

Hoplistodera.[Westwood] 1837 Cat. Hope I. 18; Stål 1867 O. V. A. F. XXIV. 510 (type *testacei*).1 **convexa***Hoplistodera convexa* Dallas 1851 List 217.

Philippines.

H. decora Vollenhoven 1868 op. cit. 181.

- 2 **gibba** Celebes.
Hoplistodera gibba Vollenhoven 1868 l. c.
- 3 **incisa** Sikkim; Assam;
Hoplistodera incisa Distant 1887 T. E. S. London 349, Pl. 12.
 f. 3; and 1902 Faun. Ind. Rh. I. 177, f. 105. Burma.
- 4 **recurva** N. W. India.
Hoplistodera recurva Distant 1900 T. E. S. London 170, Pl.
 2. f. 9; and 1902 Faun. Ind. 178.
- 5 **schwaneri** Borneo.
Hoplistodera schwaneri Vollenhoven 1868 op. cit. 182.
- 6 **testacea** Sumatra; Java.
Hoplistodera testacea [Westwood] 1837 l. c.
- 7 **validicornis** Celebes.
Hoplistodera validicornis Breddin 1901 Abh. Nat. Ges. Halle
 XXIV. 48.
- 8 **virescens** Sikkim; Assam; Bur-
Hoplistodera virescens Dallas 1851 op. cit. 217; Distant 1902
 op. cit. 177. ma; China (W. Yun-
 nan).

Stachyomia.

- Stål 1870 O. V. A. F. XXVII. 628 (type *vulnerabilis*).
- 1 **luteovaria** Malay Pen.
Stachyomia luteovaria Distant 1903 Fasc. Mal. I. 233, Pl.
 XV. f. 3.
- 2 **vulnerabilis** Philippines.
Stachyomia vulnerabilis Stål 1870 op. cit. 629.

Vulsirea.

Spinola 1837 Essai Hém. 350; Stål 1867 O. V. A. F. XXIV. 531 (type *nigrorubra*
 = *violacea*).

- 1 **insignis** Mexico.
Edessa insignis Blanchard 1841 Hist. Nat. Ins. 144.
Vulsirea liturata Dallas 1851 List 273.
Taurocerus cinctus H-S. 1851 Wanz. IX. 316, f. 1001.
Vulsirea insignis Stål 1862 Stett. E. Z. XXIII. 108.
- 2 **valida** Jamaica.
 || *Cimex variegatus* Drury 1773 Ill. II. 72, Pl. 38. f. 4.
C. validus Drury 1782 op. cit. III. 64, Pl. 45. f. 6.
C. tarandus Fabricius 1794 Ent. Syst. IV. 93.
Edessa do. Fabricius 1803 Syst. Rh. 147.
- 3 **violacea** Mexico; Cuba; Costa
 — — Stoll Pun. f. 133. Rica; Panama;
Cimex violaceus Fabricius 1803 op. cit. 167; H-S. 1838 Wanz.
 IV. 89, f. 425. Brazil.
- Rhaphigaster abdominalis* [Westwood] 1837 Cat. I. 32.
Vulsirea violacea Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 39.
 var. (b) **ancora**
Vulsirea ancora Spinola 1837 Essai 351; Amyot et Serville
 1843 Hém. 143; H-S. 1846 Wanz. VIII. 12.
 var. (c) **nigrorubra**
Vulsirea nigrorubra Spinola 1837 l. c.; Amyot et Serville
 1843 l. c.
- Strachia ponderosa* Stål 1854 O. V. A. F. XI. 233.
Pentatoma nigrorubra Guérin 1857 Sagra Cuba Ins. 372.
 var. (d) **lativentris**
Vulsirea lativentris Walker 1867 Cat. Het. II. 353.
V. tau Vollenhoven 1868 Versl. Ak. Amst. Nat. (2) II. 187.

Pharypia.

- Pharypia* Stål 1861 Stett. E. Z. XXII. 139; 1867 O. V. A. F. XXIV. 530; and 1872 Svensk. Vet. Handl. 10. no. 4. p. 39 (type *pulchella*).
 subgen. (b) *Ptilarmus* Stål 1862 Stett. E. Z. XXII. 139; and 1872 Svensk. Vet. Handl. 10. no. 4. p. 40 (type *nitidiventris*!).
 subgen. (c) *Dichropepla* Stål 1872 op. cit. 39 (as subg.) (type *gracilirostris*!).

(a) subgen. typ.

- 1 *pulchella*
 — Stoll Pun. f. 30 and 142.
Cimex pulchellus Drury 1782 Ill. Nat. Hist. III. Index and 67.
C. concentricus Burmeister 1835 Handb. Ent. II. 365.
Vulsirea formosa Dallas 1851 List 272.
Strachia notabilis Walker 1867 Cat. Het. II. 321.
Pharypia pulchella Stål 1872 op. cit. 40; Sharp 1890 T. E. S. London 410, Pl. 13. f. 13.

Mexico; Honduras;
 Guatemala; Costa
 Rica; Panama; Co-
 lumbia; Venezuela;
 N. Brazil.

(b) subgen. Ptilarmus.

- 2 *fasciata*
Ptilarmus fasciatus Haglund 1868 Stett. E. Z. XXIX. 156.
Pharypia fasciata Distant 1880 B. C. A. Het. I. 77, Pl. 6. f. 25.
 3 *nitidiventris*
Ptilarmus nitidiventris Stål 1861 Stett. E. Z. XXII. 140.
Vulsirea transducta Walker 1867 op. cit. 352.
Pharypia nitidiventris Distant 1880 op. cit., Pl. 6. f. 24.

Mexico.

Mexico; Costa Rica;
 Panama.

(c) subgen. Dichropepla.

- 4 *generosa*
Pharypia generosa Stål 1864 A. S. E. France (4) IV. 53.
 5 *gracilirostris*
Pharypia gracilirostris Stål 1864 l. c.

Fr. Guiana.

Brazil.

(d) sp. of uncertain position.

- 6 *siopolisi*
 † *Vulsirea siopolisi* G. Fallou 1887 Le Naturaliste Apr. 15. p. 2.

Brazil.

Catacanthus.

Spinola 1837 Essai Hém. 352; Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 89 (type *nigripes*).

- 1 *aurantius*
 — Stoll Pun. f. 39.
Cimex aurantius Sulzer 1776 Gesch. Ins. 96, Pl. 10. f. 10.
Edessa aurantia Fabricius 1803 Syst. Rh. 149.
Pentatoma aurantiacum Blanchard 1841 Hist. Nat. Ins. III. 29, Hém. Pl. 6. f. 4.
Raphigaster aurantius Westwood 1842 Donovan's Ins. China 49, Pl. 21. f. 2.
Catacanthus do. Amyot et Serville 1843 Hém. 142; Breddin 1903 Sb. Ges. Nat. Freunde Berlin 197, figs. 1—2.
 2 *carrenoi*
Raphigaster carrenoi Le Guillou 1841 Rev. Zool. 262.
Pentatoma tricolor Montrouzier 1855 A. S. Agr. Lyon (2) VII. 96.
Catacanthus carrenoi Stål 1876 l. c.
 Parasitized by *Telenomus catacantha* (cf. Brown 1906 Philipp. J. Sci. I. 695).

[? Siam; Burma;] Su-
 matra; Java; China;
 Malacca; Celebes;
 Borneo.

Murua; Art; Tomia;
 Philippines.

- 3 *immaculatus*
Catacanthus incarnatus var. *c.* Stål 1876 l. c.
C. immaculatus Lethierry et Severin 1893 Cat. Hém. I. 163;
 Breddin 1903 op. cit. 199, f. 5 (new name).

Ceylon.

4 **incarnatus**

Cimex incarnatus Drury 1773 Ill. Ent. II. 67, Pl. 36. f. 5.
C. nigripes Fabricius 1775 Syst. Ent. 710; Wolff 1800 Ic. Cim. 11, Pl. 2. f. 11.

C. melanopus Gmelin 1789 Syst. Nat. (Ed. XIII), p. 2149.
Catacanthus incarnatus Sharp 1890 T. E. S. London 411, Pl. 13. f. 20; Distant (pt.) 1902 Faun. Ind. Rh. I. 219, f. 138.

C. incarnathus Breddin 1903 op. cit. 198, figs. 3—4.

India; Ceylon [? Burma; China; Korea; Japan; Java; Sumatra; Borneo; Siam; Malacca?].

5 **mirabilis**

Catacanthus mirabilis Distant 1901 T. E. S. London 585, Pl. XVI. f. 3; and 1902 Faun. Ind. Rh. I. 219.

India (Travancore).

6 **punctum**

Cimex nigripes Sulzer 1776 l. c., Pl. 10. f. 9. (not Fabricius).
C. punctum Fabricius 1787 Mant. Ins. II. 291.
Edessa do. Fabricius 1803 Syst. Rh. 149.

Java; Queensland.

§§ A. Dohrn 1866 Stett. E. Z. XXVII. 327 etc., Pl. IV. figs. 1 etc. (anatomy; also of *incarnatus*).

7 **reuteri**

Catacanthus reuteri Schouteden 1905 Wien. E. Z. XXIV. 51.

Madagascar.

8 **sumptuosus**

Catacanthus sumptuosus A. Dohrn 1863 Stett. E. Z. XXIV. 348.

Aru Is.

9 **violarius**

Catacanthus violarius Stål 1876 l. c.

Waigiü Is.

10 **viridicatus**

Catacanthus viridicatus Distant 1881 T. E. S. London 215; Kirkaldy 1903 P. Linn. S. N. S. W. XXXII. 347.

Fiji; Tonga.

Chalcocoris.

Catacanthus subg. *Chalcocoris* Dallas 1851 List. 271; Stål 1865 Hem. Afr. I. 188 (type *anchorago* = *rutilans*).

Chalcocoris Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 62.

1 ? **iserti**

Cimex iserti Fabricius 1794 Ent. Syst. IV. 106.
Edessa do. Fabricius 1803 Syst. Rh. 150.

Guinea.

2 **rutilans**

— Stoll Pun. f. 122.
Cimex anchorago Drury 1782 Ill. Ent. III. 66, Pl. 46. f. 5 (not Fabricius),
C. rutilans Fabricius 1781 Spec. Ins. II. 353.
Edessa do. Fabricius 1803 Syst. Rh. 151.
Catacanthus anchorago Stål 1865 Hem. Afr. I. 183.

Guinea; Calabar; Kameruns.

Coquerelia.

Coquerelia Signoret 1861 A. S. E. France (3) VIII. 934 (type *pectoralis*).

Catacanthus subg. *Coquerelia* Stål 1865 Hem. Afr. I. 189.

1 **pectoralis**

Coquerelia pectoralis Signoret 1861 A. S. E. France (3) VIII. 934, Pl. 13. f. 6.

Catacanthus do. Stål 1865 l. c.

Madagascar; Nossi-be.

2 **ventralis**

Coquerelia ventralis Horváth 1904 Ann. Mus. Hung. II. 263.

Madagascar.

Coquerelidea.

Reuter 1887 Ent. Tijdschr. VIII. 85 (type *viridipes*).

1 **viridipes**

Coquerelidea viridipes Reuter 1887 op. cit. 86.

Madagascar; Lukebe; Nossi-be.

Pentatoma nossibiana Brancsik 1893 Jb. Naturw. Ver. Trencsin,
XV. 248, Pl. XI. f. 3.

Levenna.

Bergroth 1905 P. Zool. S. London 151 (type *salax*).

- 1 **salax** Queensland.
Levenna salax Bergroth 1905 op. cit. 152.

Anaxilaus.

Anaxilaus Stål 1876 Svensk. Vet. Handl. 14. no. 4. pp. 63 a. 90; Bergroth 1891
Rev. Ent. X. 206; and 1906 Wien. E. Z. XXV. 3 (type *camatula*).

Novatilla Distant 1888 T. E. S. London 479 (type *fasciata*).

- 1 **barnardi** Queensland.
Anaxilaus barnardi Bergroth 1891 Rev. Ent. X. 205.
- 2 **camatulus** New South Wales
Pentatoma camatula Dallas 1851 List 237. South Australia:
Anaxilaus camatulus Stål 1876 op. cit. 90; Van Duzee 1905 West Australia.
Bull. Amer. Mus. XXI. 205.
- 3 **fasciatus** Papua.
Novatilla fasciata Distant 1888 op. cit. 480, Pl. XIII. f. 2.
- 4 **vesiculosus** S. Australia.
Cimex vesiculosus H-S. 1840 Wanz. V. 65, f. 509.
- 5 **virgatus** "Australia."
Pentatoma virgata Dallas 1851 op. cit. 249.

Hyrmine.

Stål 1876 Svensk. Vet. Handl. 14 no. 4. pp. 63 a. 90 (type *sexpunctata*).

- 1 **chlorina** Sumatra; Java.
Pentatoma chlorina Stål 1858 O. V. A. F. XV. 436.
P. chloris Vollenhoven 1868 Versl. Ak. Nat. Amst. (2) II. 184.
- 2 **dispar** New South Wales.
Didor dispar [Westwood] 1837 Hope Cat. I. 25.
Hyrmine do. Van Duzee 1905 op. cit. 205.
- 3 **minor** Sumatra.
Hyrmine minor Breddin 1900 Stett. E. Z. LXI. 306.
- 4 **6-punctata** Moluccas. *Salawati. Waigiu.*
Cimex 6-punctatus Linneus 1758 Syst. Nat. (Ed. X) p. 444.
Hyrmine sexpunctata Stål 1876 op. cit. 90.
- var. (b) **glaucomelaena** Murua.
Pentatoma glaucomelas Montrouzier 1855 Ann. S. Agr. Lyon
(2) VII. 97.
- var. (c) **montrouzierana** nom. nov. Murua.
|| *Pentatoma bimaculatum* Montrouzier 1855 op. cit. 98.
- var. (d) **nigrifascia** Waigiu.
Rhaphigaster nigrifascia Walker 1867 Cat. Hem. II. 367.
- var. (e) **hemichloris** Salawati.
Vulsirea hemichloris Vollenhoven 1868 op. cit. 187.

Nezara.

Nezara Amyot et Serville 1843 Hém. 143; Stål 1876 Svensk. Vet. Handl. 14. no. 4.
p. 91 (type *smaragdula* = *viridula*).

Rhaphigaster subg. *Nezara* Dallas 1851 List 274.

subgen. (b) **Aerosternum** Fieber 1860 Eur. Hem. 79; Stål 1872 Svensk. Vet. Handl.
10. no. 4. p. 41 (type *heegeri* = *incerta*).

subgen. (c) **Pellaea** Stål 1872 op. cit. p. 40 (type *stictica*).

subgen. (d) **Banasa** Stål 1860 op. cit. 2. no. 7. p. 24; and 1872 op. cit. 10. no. 4.
p. 43 (type *induta*).

- subgen. (e) *Atomosira* Uhler 1871 P. Boston S. N. H. XIV. 98; and 1878 op. cit. XIX. 378 (type *sordida*).
 subgen. (f) *Rio* nom. nov.
Banasa (aa) Stål 1872 op. cit. 44 (type *pectoralis*).

(a) subgen. typ.

- 1 **abnormis**
Nezara abnormis Berg 1891 An. S. Cient. Arg. XXXIII. 7. Argentine.
- 2 **aethiops**
Nezara aethiops Distant 1900 T. E. S. London 170. East Africa (Tanganyika).
- 3 **antennata**
Nezara antennata Scott 1874 A. M. N. H. (4) XIV. 299; Japan; N. China; Kashmir.
 Distant 1902 Faun. Ind. Rh. I. 220.
- var. (b) **balteata** Horváth 1889 Termész. füzet. XII. 32.
 var. (c) **icterica** Horváth op. cit. 31.
- 4 **chloris**
Pentatoma chloris [Westwood] 1837 Cat. Hope I. 38. Gambia; Sierra Leone;
P. mentiens Walker 1867 Cat. Het. II. 296. Kongo; Nyasaland.
Nezara chloris Distant 1900 P. Zool. S. London 813.
- 5 **chlorocephala**
Pentatoma chlorocephala [Westwood] l. c. Nyasaland. [Brazil in
Nezara do. Distant 1900 op. cit. 812. error].
- 6 **congo**
Nezara congo Schouteden 1905 Wien. E. Z. XXIV. 54. Kongo.
- 7 **frontalis**
Pentatoma frontalis [Westwood] 1837 op. cit. 37. Cape Colony; Transvaal; Sierra Leone.
 var. (b) **africana**
Pentatoma africana [Westwood] 1837 op. cit. 39.
 var. (c) **capicola**
Pentatoma capicola [Westwood] l. c.
P. lata [Westwood] l. c. (scarcely "described"). ~~see 364~~
Nezara capicola Stål 1865 Hem. Afr. I. 195.
- 8 **geniculata**¹⁾
Rhaphigaster geniculatus Dallas 1851 List 279. Brazil.
R. obscuricornis Stål 1860 Svensk. Vet. Handl. 2. no. 7. p. 22.
- 9 **nitida**
Pentatoma marginale H-S. 1836 Wanz. III. 95, f. 320. Brazil; Argentine.
P. nitida [Westwood] 1837 op. cit. 33.
Strachia olivacea Walker 1867 Cat. Het. II. 322.
- 10 **musiva**
Nezara musiva Berg 1879 Hem. Arg. 56. Argentine; Patagonia.
- 11 **niamensis**
Zangis niamensis Distant 1890 C. R. S. E. Belg. XXXIV. p. LVII. Kongo.
- 12 **nigritarsis**
 — — Stoll Pun. f. 134. N. Brazil.
Nezara nigritarsis Stål 1872 Svensk. Vet. Ak. Handl. 10. no. 4. p. 40.
- 13 **nigropicta**
Nezara nigropicta Breddin 1906 Wien. E. Z. XXV. 193. Brazil.
- 14 **O.**
Rhaphigaster o Signoret 1858 Thoms. Arch. Ent. II. 289. Guinea.
Nezara do. Stål 1865 Hem. Afr. I. 197; and 1876 Svensk. Vet. Handl. 14. no. 4. p. 91.

¹⁾ Dallas synonymizes his species with the "*Aschoenia*" of Amyot and gives *France* as the habitat. Amyot (1845 A. S. E. France (2) III. 451) describes his form from *Sicily* and adds that he has also 2 individuals from French Guiana.

15 **rogenhoferi**

Nezara rogenhoferi Stål 1872 op. cit. 10. no. 4. p. 40.

16 **soror**

Nezara soror Schouteden 1905 op. cit. 53.

17 **victorinii**

Nezara victorinii Stål 1876 op. cit. 14. no. 4. p. 91.

18 **viridula**

Cimex viridulus Linneus 1758 Syst. Nat. (Ed. X) p. 444.

C. smaragdulus Fabricius 1775 op. cit. 711; Wolff 1801 Icon. Cim. 56, Pl. VI. f. 53.

C. transversus Thunberg 1783 Nov. ins. sp. II. 40.

C. variabilis Villers 1789 Linn. Ent. I. 505.

C. spirans Fabricius 1798 Ent. Syst. Suppl. 533.

|| *C. viridissimus* Wolff 1801 op. cit. 55, Pl. VI. f. 52.

Pentatoma oblonga [Westwood] 1837 Cat. Hope I. 37.

P. unicolor [Westwood] 1837 op. cit. 38.

P. beryllina [Westwood] l. c.

P. subsericea [Westwood] l. c.

P. leii [Westwood] l. c.

*P. 3-punctigera*¹ [Westwood] l. c.

P. proxima [Westwood] l. c. (not described).

P. chinensis [Westwood] l. c. (not described).

P. propinqua [Westwood] op. cit. 39 (not described).

Cimex hemichloris Germar 1837 Silb. Rev. Ent. V. 166.

Rhaphigaster torquatus H-S. 1839 Wanz. IV. 100, f. 447.

Nezara smaragdula Amyot et Serville 1843 Hém. 144; Fieber 1861 Eur. Hem. 330.

N. approximata Reiche et Fairmaire 1849 Voy. Abyssin. Ins. 443.

Pentatoma plicaticollis Lucas 1849 Expl. Alg. Ins. 87, Pl. 3. f. 9.

Rhaphigaster subsericeus Dallas 1851 List 275.

R. orbis Stål 1853 O. V. A. F. X. 221.

Nezara viridula Stål 1865 Hem. Afr. I. 193; and 1872 Svensk.

Vet. Handl. 10. no. 4. p. 41; Puton 1881 Syn. Hém.

France II. 66; Sharp 1890 T. E. S. London 406, Pl. 13.

f. 16; Horváth 1900 Jenaische Denkschr. VIII. 632;

Distant 1902 Faun. Ind. Rh. I. 220, f. 139.

Pentatoma vicaria Walker 1867 Cat. Het. II. 303.

Nezara viridis Scott 1874 A. M. N. H. (7) XIV. 290.

N. prasina Hutton 1896 T. N. Zealand Inst. XXX. 171 (not Linneus).

var. (b) **torquata**

Cimex torquatus Fabricius 1775 Syst. Ent. 710.

Rhaphigaster do. H-S. 1839 Wanz. IV. 100, f. 447.

Pentatoma flavicollis Palisot 1805 Ins. Afr. Amér. 185, Pl. 11. f. 4 (*flavicornis* on plate).

Nezara viridula var. *torquata* Puton 1881 Syn. Hém. France II. 66.

var. (c) **aurantiaca**

Nezara aurantiaca A. Costa 1884 Atti Ac. Napol. (2) I. 58.

var. (d) **hepatica**

Nezara viridula var. *hepatica* Horváth 1903 Ann. Mus. Hung. I. 406.

§§ Dufour 1834 Mém. sav. étr. Ac. France IV. 157 etc., figs. 124, 162 a. 193 (anatomy).

§ Distant 1880 B. C. A. Het. I. 79 (dissemination).

§ Laboulbène 1889 C. R. Ac. France CVIII. 1131—33 (habits).

§ Meyer etc. 1893 Ins. Life V. 261 a. 264.

Brazil.

Madagascar.

Cape Colony.

Practically Cosmopolitan, but not recorded yet from any of the Pacific Islands except N. Zealand.

Recorded from the entire **Palaeartic** Region including Japan, Cho-sen and China; **Oriental:** India; Ceylon; Assam; Burma; Tenasserim; Malay Pen; Sumatra; Java; Celebes; Philippines; **Australasian:** Queensland; New Zealand; Lombok; **Ethiopian:** Continental; Madagascar; Réunion; St. Helena; Cape Verde Is.; **America:** Virginia to Venezuela and French Guiana; Cuba; Jamaica; Hispaniola; St. Vincent.

var. (e) sinensis
P. sinensis

¹ not *3-punctifera* as cited by Distant.

§§ Koningsberger 1903 Med. 's lands plant. LXIV. 11, Pl. 1.
f. 6 (n.).

• §† Koningsberger Teysmannia VIII. 320.

§ Lefroy 1906 Ind. Ins. Pests 168, f. 190 (notice).

§ Leonardi 1901 Boll. Ent. Agr. Pat. Veget. VIII. 118—19.
(means of controlling).

Foodplants: *Citrus aurantium*; *Celtis*; *Morus*; *Gynaridropsis pentaphylla*; *Oryza sativa*; *Saccharum officinarum*; *Gossypium*; *Zea mays*; potato.

(b) subgen. *Aerosternum*.

- 19 **acuta**
Rhaphigaster acutus Dallas 1851 List 277.
Nezara acuta Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 92. Sierra Leone; Zanzibar; Madagascar.
- 20 **adelpha**
Nezara adelpha Horváth 1904 Ann. Mus. Hung. II. 266. Kamerun.
- 21 **amurensis**
Nezara amurensis Reuter 1888 Rev. Ent. VII. 200. E. Siberia.
- 22 **apicleornis**
Pentatoma apicicornis Spinola 1852 Gay Hist. Chile, Zool. VII. 131, Pl. 1. f. 1. Chili.
Nezara do. Signoret 1863 A. S. E. France (4) III. 548; Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 42.
- 23 **armigera**
Rhaphigaster armiger Stål 1859 Eugen. Resa, Ins. 229.
Nezara armigera Stål 1872 Svensk. op. cit. p. 43; Berg 1879 Hem. Arg. 58. Argentine.
§ Berg 1884 Hem. Arg. Add. 29 (n.).
- 24 **bergrothi**
Nezara bergrothi Horváth 1904 op. cit. 263. Madagascar.
- 25 **bipunctula**
Nezara bipunctula Stål 1872 op. cit. 42. Brazil.
- 26 **breviceps**
Nezara breviceps Jakovlev 1889 Hor. S. E. Ross. XXIV. 323. S. Russia.
- 27 **celebensis**
Rhaphigaster celebensis Vollenhoven 1868 Versl. Ak. Amst. Nat. (2) II. 187. Celebes.
Aerosternum celebensis Stål 1876 op. cit. 14. no. 4. p. 91.
- 28 **dallasi**
Rhaphigaster marginatus Dallas 1851 List 277 (not Palisot). Brazil; Colombia;
Nezara dallasi Distant 1900 A. M. N. H. (5) VII. 392 (new name). Chili.
- 29 **difficilis**
Rhaphigaster difficilis Stål 1860 op. cit. 2. no. 7. p. 23. Brazil.
Nezara do. Stål 1872 op. cit. 10. no. 4. p. 42.
- 30 **emmerezi**
Nezara emmerezi Schouteden 1905 Wien. E. Z. XXIV. 52. Mauritius.
- 31 **erythrocnemis**
Nezara erythrocnemis Berg 1879 Hem. Arg. 57. Argentine; Paraguay.
- 32 **feberi**
Nezara feberi Stål 1865 Hem. Afr. I. 196; and 1876 Svensk. Handl. 14. no. 4. p. 92. Guinea; Kongo; Nyasaland.
- 33 **fucosa**
Nezara fucosa Berg 1892 An. S. Cient. Arg. XXXIII. 9. Argentine.
- 34 **graminea**
Cimex gramineus Fabricius 1787 Mant. Ins. II. 295. India; Ceylon.
C. seladonius Fabricius 1894 Ent. Syst. IV. 170.
Pentatoma lemur A. Dohrn 1860 Stett. E. Z. XXI. 401.

Parasit

Acrosternum gramineum Stål 1868 op. cit. 7. no. 11. p. 31.
Nezara graminea Distant 1902 Faun. Ind. Rh. I. 221.

35 **hebes**

Nezara hebes Bergroth 1891 Rev. Ent. X. 227.

Brazil.

36 **heegeri**¹⁾

Acrosternum heegeri Fieber 1861 Eur. Hem. 331.
Rhaphigaster incerta Signoret 1861 A. S. E. France (3) VIII. 935.
Rhaphigaster submarginatus Stål 1861 Stett. E. Z. XXII. 144.
Nezara incerta Stål 1865 Hem. Afr. I. 192.
N. heegeri Mulsant et Rey 1867 A. S. Linn. Lyon (2) XIV. 215; Puton 1881 Syn. Hém. France II. 65; Horváth 1888 Rev. Ent. VII. 173, Pl. 1. f. 3; Reuter 1900 Oefv. Finsk. Förh. XLII. 231, f. 6 (on p. 239).

Pentatoma anabasis Becker 1867 Bull. S. N. Moscou XL. 110.

Mediterranean basin;
 Canary Isl.; Somali-
 land; Gold Coast;
 Madagascar; Kir-
 ghisia!

37 **herbida**

Rhaphigaster herbidas Stål 1859 Eugen. Resa, Ins. 229.

§ Berg 1884 Hem. Arg. Add. 28 (n.).

Argentine; Uruguay.

38 **hilaris**

Pentatoma hilaris † Say 1831 Ins. Louis. 9; 1832 Descr. Het. Hem. 5; and 1859 Compl. Wr. I. 304 a. 316.

Rhaphigaster sarpinus Dallas 1851 List 276.

Nezara hilaris Uhler 1878 P. Boston S. N. H. XIX. 380; Van Duzee 1904 T. Amer. E. S. XXX. 58.

§ Franklin 1884 Bull. U. S. Ent. IV. 81.

§ Hubbard 1885 Rep. Ins. Orange 160.

§ Curtiss etc. 1889 Ins. Life II. 147.

§ Gamble etc. 1891 Ins. Life III. 403.

§† Judd 1899 Amer. Nat. XXXIII. [ex pp. 461—84], (efficiency of protective adaptation).

Feeds on *Aletia* [Lep.].

Foodplants: *Citrus aurantium*; *Gossypium*; *Tilia americana*; "trumpet creeper"; cowpeas; tomatoes.

Canada; United States;
 Cuba; Hispaniola;
 Panama; Brazil.

39 **horvathi**

Nezara horvathi Bergroth 1903 A. S. E. Belg. XLVII. 259.

French Kongo.

40 **impictiventris**

Nezara impictiventris Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 42.

Colombia.

41 **lacta**

Rhaphigaster lactus Stål 1859 Eugen. Resa, Ins. 228; and 1872 Svensk. Vet. Handl. 10. no. 4. p. 42.

Ecuador.

42 **limbosa**

Nezara limbosa Horváth 1904 Ann. Mus. Hung. II. 265.

Kongo.

43 **liturata**

Nezara liturata Horváth 1904 op. cit. 264.

Madagascar.

44 **macrorhaphis**

Nezara macrorhaphis Horváth 1904 op. cit. 266.

St. Thome Isl. [off
 Guinea].

45 **marginata**

Pentatoma marginata Palisot 1805 Ins. Afr. Amér. 147, Hém. Pl. 10. f. 1.

Nezara do. Amyot et Serville 1843 Hém. 145; Stål 1872 l. c.; Sharp 1890 T. E. S. London 408, Pl. 13. f. 17; Van Duzee 1904 l. c.; Distant 1880 B. C. A. Het. I. Pl. 7. f. 23.

Rhaphigaster spirans Dallas 1851 List 280 (not Fabr.).

S. United States;
 Mexico; Guatemala;
 Br. Honduras; Costa
 Rica; Panama; Ja-
 maica; Cuba; Hispani-
 ola; Colombia; ^{Venezuela}
 Venezuela; Bolivia;
 Perú.

¹⁾ I have left this species as *heegeri*, though I believe that *incerta* has the priority; *incerta* was published early in 1861, but I do not know the exact date; *heegeri* April 1861, *submarginata* "April—June 1861", though probably actually February or March.

- Nezara jurgiosa* Stål 1862 Stett. E. Z. XXIII. 106.
Foodplant: *Cercis*.
- 46 **miliaris** Nubia.
† *Cimex miliaris* Klug 1845 Symb. Phys. Ins. V., Pl. 44. f. 10.
Acrosternum do. Stål 1868 Svensk. Vet. Handl. 7. no. 11. p. 31.
- 47 **millierei** S. France; Italy; S.
Nezara millierei Mulsant et Rey 1867 A. S. Linn. Lyon (2) Hungary; Syria;
XIV. 213; Horváth 1888 Rev. Ent. VII. 173, Pl. 1. f. 4; Turcomania; Tur-
Reuter 1900 Oefv. Finsk. Vet. Förh. XLII. 236, f. 7 kestan; Canary
(on p. 239). Isles.
- var. (b) *rosea* Noualhier 1893 A. S. E. France 8.
- 48 **napaea** Brazil.
Nezara napaea Stål 1872 op. cit. 10. no. 4. p. 42.
Foodplant: *Euphorbia*. *p. 320*
- 49 **obstinata** Brazil.
Rhaphigaster obstinatus Stål 1860 op. cit. 2. no. 7. p. 23.
Nezara obstinata Stål 1872 op. cit. 10. no. 4. p. 42.
- 50 **pallidoconspersa** Madagascar; Trans-
Rhaphigaster pallidoconspersus Stål 1858 O. V. A. F. XV. 437. vaal.
Nezara flavopunctata Signoret 1861 A. S. E. France (3)
VIII. 935.
N. pallidoconspersa Stål 1865 Hem. Afr. I. 196; and 1876
Svensk. Vet. Handl. 14. no. 4. p. 91.
- 51 **pensylvanica**¹⁾ Canada; United States.
Cimex viridis pensylvanicus de Geer 1773 Mém. III. 330, Pl.
34. f. 5 (not binomial).
Pentatoma pensylvanica Palisot 1805 op. cit. 186, Hém. Pl.
11. f. 5.
P. abrupta Say 1832 Descr. Het. Hem. 6; and 1859 Compl.
Wr. I. 317.
Nezara pensylvanica Stål 1872 op. cit. 10. no. 4. p. 42;
Van Duzee 1904 op. cit. 57 ("emend.").
Rhaphigaster pensylvanicus Uhler 1878 P. Boston S. N. H.
XIX. 380.
- 52 **punctatorugosa** Guinea.
Rhaphigaster punctatorugosus Stål 1858 O. V. A. F. XV. 437.
Nezara punctatorugosa Stål 1865 Hem. Afr. I. 196; and
1876 Svensk. Vet. Handl. 14. no. 4. p. 91.
- 53 **rufidorsum** Madagascar.
Nezara rufidorsum Horváth 1904 Ann. Mus. Hung. II. 267.
- 54 **sahlbergi** Turkestan.
Nezara sahlbergi Reuter 1900 Oefv. Finsk. Vet. Förh. XLII.
236, f. 5 (on p. 239).
- 55 **valida** Madagascar.
Nezara valida Horváth 1904 Ann. Mus. Hung. 264.
- 56 **vicina** Argentine.
Nezara vicina Berg 1892 An. S. Cient. Arg. XXXIII. 78.
- 57 **viridans** Panama; Perú; Ga-
Rhaphigaster viridans Stål 1859 Eugen. Resa, Ins. 228. pagos Is.
Nezara do. Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 41.
- (a—b) species of uncertain position, but probably belonging to *a* or *b*.
- 58 **gentilis** Perú.
† *Nezara gentilis* Breddin 1903 Sb. Ges. Fr. Berlin 369.

¹⁾ This species must be credited to Palisot de Beauvois, as de Geer's name is trinomial.

- 59 **griseipennis**
Nezara griseipennis Ellenrieder 1862 Nat. Tijdschr. Ned. Ind. XXIV. 157, Pl. 4. f. 25; Koningsberger 1903 Med. 's lands plant. LXIV. 11.
 Foodplants: *Oryza sativa*; Gramineae. Sumatra: Java.
- 60 **gravis**
Strachia gravis Walker 1867 Cat. Het. II. 322. N. Brazil.
- 61 **majuseula**
Nezara majuscula Distant 1890 B. C. A. Het. I. 339, Pl. 31. f. 20. Mexico: Panama.
- 62 **naspirus**
Rhaphigaster naspirus Dallas 1851 List 276. S. Africa.
- 63 **nigromaculata**
Nezara nigromaculata Distant 1902 Faun. Ind. Rh. I. 221. Ceylon.
- 64 **orbiculata**
Nezara orbiculata Distant 1890 P. Z. S. London 476. C. Africa.
- 65 **parnisus**
Rhaphigaster parnisus Dallas 1851 op. cit. 279\ — ?
- 66 **prunasis**
Rhaphigaster prunasis Dallas 1851 l. c. Kongo.
- 67 **pulehricornis**
 † *Nezara pulehricornis* Breddin 1903 Soc. Ent. XVIII. 115. Fernando Po.
- 68 **raropunctata**
Nezara raropunctata Ellenrieder 1862 op. cit. 156, Pl. 4. f. 24. Java.
- 69 **rinapsus**
Rhaphigaster rinapsus Dallas 1851 List 277. Sierra Leone.
- 70 **robusta**
Nezara robusta Distant 1898 A. M. N. H. (7) II. 307. Mashonaland; Nyasaland.
- 71 **rubripennis**
Nezara rubripennis Jakovlev 1890 Hor. S. E. Ross. XXIV. 544. N. China (Sz'tschuen).
- 72 **runaspis**
Rhaphigaster runaspis Dallas 1851 List 280. Ecuador.
- 73 **satunini**
Nezara satunini Jakovlev 1903 Русск. Эн. Обозр. III. 290. S. Russia.
- 74 **scutellata**
Nezara scutellata Distant 1890 B. C. A. Het. I. 339, Pl. 31. f. 21. Panama.
- 75 **sparnius**
Rhaphigaster sparnius Dallas 1851 l. c. Jamaica.
- 76 **sp.?**
Nezara sp.? Sharp 1890 T. E. S. London 406, Pl. XIII. figs. 11—12. Madagascar.

(c) subgen. *Pellaea*.

- 77 **candens**
Nezara candens Distant 1890 B. C. A. Het. I. 339, Pl. 31. f. 19. Mexico.
- 78 **panamensis**
Nezara panamensis Distant 1890 l. c., Pl. 32. f. 1. Panama.
- 79 **stictica**
Rhaphigaster sticticus Dallas 1851 List 281. Mexico; Panama; Colombia; Brit. Guiana; Brazil; Argentine.
Pentatoma aspersa Walker 1867 op. cit. II. 292.
Nezara stictica Berg 1879 Hem. Arg. 56; Distant 1880 op. cit. 338, Pl. VII. f. 22. 7
N. nebulosa Distant 1892 Whympers Trav. Gr. Andes. App. 112; and 1898 T. E. S. London 83 (inedit).

(d) subgen. *Banasa*.

- 80 **alboapicata**
Rhaphigaster alboapicatus Stål 1860 Svensk. Vet. Handl. 2.
 no. 7. p. 22.
Banasa alboapicata Stål 1872 op. cit. 10. no. 4. p. 43. Honduras; Colombia;
 Br. Guiana; Brazil.
- 81 **antica**¹⁾
Rhaphigaster anticus Dallas 1851 op. cit. 283. — ?
- 82 **bucera**
Rhaphigaster bucerus Stål 1860 op. cit. 2. no. 7. p. 23. Brazil.
Banasa bucera Stål 1872 op. cit. 10. no. 4. p. 43.
- 83 **dimiata**
Pentatoma dimiata Say 1832 Descr. Het. Hem. 7. Canada; United States.
P. dimidiata Le Conte in Say 1859 Compl. Wr. I. 318 („emend.”).
Banasa do. Van Duzee 1904 T. Amer. E. S. XXX. 60.
- 84 **discolor**
Rhaphigaster discolor Dallas 1851 List 289. Colombia.
- 85 **expallescens**
Nezara expallescens Bergroth 1891 Rev. Ent. X. 226. Colombia.
- 86 **induta**
Banasa induta Stål 1860 Svensk. Vet. Handl. 2. no. 7. p. 24;
 and 1872 op. cit. 10. no. 4. p. 43. Brazil.
Nezara do. Bergroth 1891 op. cit. 227.
- 87 **inopinata**
Rhaphigaster inopinus Walker 1867 Cat. Het. II. 358. Jamaica.
- 88 **stålîi**
Banasa stålîi Distant 1880 B. C. A. Het. I. 80, Pl. VIII. f. 3. Costa Rica.
- 89 **stigmosa**
Banasa stigmosa Distant 1890 op. cit. 340, Pl. 30. f. 24. Panama.
- 90 **subrufescens**
Rhaphigaster || *dimidiatus* Stål 1860 op. cit. 2. no. 7. p. 22. Brazil; Panama; Gua-
Pentatoma subrufescens Walker 1867 op. cit. 290. temala; Mexico;
 || *P. basalis* Walker 1867 op. cit. 291. New Mexico.
Rhaphigaster derivatus Walker 1867 op. cit. 361.
Banasa varians Stål 1872 op. cit. 10. no. 4. p. 43; Distant 1880
 op. cit. 80, Pl. 7. f. 7; Van Duzee 1904 op. cit. 60.

(e) subgen. *Atomosira*. *White*

- 91 **calva**
Pentatoma calva Say 1832 Descr. Het. Hem. 7; and 1859 United States; Canada.
 Compl. Writ. I. c.
Rhaphigaster catinus Dallas 1851 List 282.
Banasa calva Uhler 1876 Bull. U. S. Geol. Surv. II. 291; Van
 Duzee 1904 op. cit. 59.
Atomosira do. Uhler 1878 P. Boston S. N. H. XIX. 379.
 Foodplant: *Citrus aurantium* (Ins. Life V. 265 (1893) — as
Ranassa (!) calva; also indexed so in Gen. Index.
- 92 **euchlora**
Banasa euchlora Stål 1872 Svensk. Vet. Handl. 10. no. 4. United States.
 p. 44; Van Duzee 1904 op. cit. 61.
 Found beneath the bark of Cedar-trees (Uhler).
- 93 **imbuta**
Rhaphigaster imbutus Walker 1867 op. cit. 358. Texas; Mexico; Gua-
Banasa imbuta Distant 1880 op. cit. 80, Pl. 7. f. 10. temala; Costa Rica;
 Panama
- 94 **irata**
Cimex iratus Fabricius 1787 Mant. Ins. II. 292. Fr. Guiana.
Banasa irata Stål 1868 op. cit. 7. no. 11. p. 32.

¹⁾ nos. 81, 87 and 89 do not with certainty belong to this subgenus.

95 **lenticularis***Banasa lenticularis* Uhler 1894 P. Zool. S. London 174.

Grenada.

96 **packardii***Banasa packardii* Stål 1872 op. cit. 10. no. 4. p. 43.*B. packardi* Van Duzee 1904 l. c.

E. United States.

97 **pulchella***Banasa pulchella* Berg 1883 An. S. Cient. Arg. XVII. 101;
and 1884 Hem. Arg. Add. 183.

Uruguay.

§ Berg l. c. (n).

Foodplant: *Lagenaria vulgaris*.98 **sordida***Banasa sordida* Stål 1872 op. cit. 44; Van Duzee 1904 op. cit. 60.*Atomosira* do. Uhler 1871 † P. Boston S. N. H. XIV. 98; and
1878 op. cit. XIX. 378.

Vancouver Isl.; United States.

(f) subgen. **Rio.**99 **pectoralis***Rhaphigaster pectoralis* Stål 1860 op. cit. 2. no. 7. p. 23.*Banasa* do. Stål op. cit. 10. no. 4. p. 44.

Brazil (Rio de Janeiro).

Pallantia.Stål 1862 Stett. E. Z. XXIII. 106 (type *macula*).1 **macula***Rhaphigaster macula* Dallas 1851 List 284.*Banasa discifera* Stål 1860 op. cit. 2. no. 7. p. 24.*Pentatoma diffusa* Walker 1867 Cat. Het. II. 290.*Pallantia macula* Distant 1890 B. C. A., Het. I. 340, Pl. 30. f. 22.

Brazil; Guatemala; Mexico.

Amblybelus.Montrouzier 1864 A. S. Linn. Lyon (2) XI. 223; Schouteden 1907 A. S. E. Belg. LI. 111 (type *elegans*).1 **elegans***Amblybelus elegans* Montrouzier l. c.; Schouteden 1907 l. c.

New Caledonia.

Atelias.*Aetius* Distant 1900 P. Zool. S. London 813 (type *variegatus*).*Atelias* Kirkaldy 1904 Entom. XXXVII. 280 (new name).1 **variegatus***Atelocerus?* *variegatus* [Westwood] 1837 Cat. Hope I. 21.*Aetius* do. Distant 1900 op. cit., Pl. 52. f. 8.

W. Australia.

Sabaeus.Stål 1867 O. V. A. F. XXIV. 513; Breddin 1901 Abh. Nat. Ges. Halle XXIV. 49
(type *spinosus*).1 **fortispinus***Sabaeus fortispinus* Breddin 1904 Wien. E. Z. XXIII. 9.

Buru Is. (?)

2 **humeralis***Rhaphigaster humeralis* Dallas 1851 List 278.*Cuspicona smaragdina* Walker 1867 op. cit. II. 380.*Sabaeus spinosus* Stål 1876 Svensk. Vet. Handl. 14. no. 4.
p. 92 (not Dallas).*S. humeralis* Distant 1902 Faun. Ind. Rh. I. 216, f. 136.

Assam; Burma; China.

3 **kükenthali***Sabaeus kükenthali* Breddin 1900 Abh. Senck. Ges. XXV. 145,
Pl. IX. f. 4.

Celebes.

4 **rectispinus***Sabaeus rectispinus* Breddin 1904 op. cit. 8.

Java.

- 5 **sarasinorum** Celebes.
Sabaeus sarasinorum Breddin 1901 Abh. Nat. Ges. Halle
 XXIV. 49.
- 6 **spinosus** Philippines; Batchian.
Rhaphigaster spinosus Dallas 1851 l. c.
Mormidea ductor Walker 1867 op. cit. 264.
- 7 **teretispinus** Sumbawa.
Sabaeus teretispinus Breddin 1904 Wien. E. Z. XXIII. 9.

Anaca.

- || *Hyllus* Stål 1867 O. V. A. F. XXIV. 513 (type *aeruginosus* = *florens*).
Anaca Bergroth 1891 Rev. Ent. X. 214 (new name).
- 1 **fasciata** Assam; Ceylon.
Hyllus fasciatus Distant 1900 A. M. N. H. (7) V. 394.
Anaca fasciata Distant 1902 Faun. Ind. Rh. I. 183.
- 2 **florens** Assam; Burma; Tenasserim; Siam; Malay Pen.; Sumatra.
Mormidea florens Walker 1867 Cat. Het. II. 263.
Hyllus aeruginosus Haglund 1868 E. Z. XXIX. 160.
Anaca florens Distant 1902 op. cit. 182, f. 109.
- 3 **punctiventris** China; Tongkin.
Anaca punctiventris Breddin 1904 Wien. E. Z. XXIII. 10.

Plautia.

- Stål 1865 Hem. Afr. I. 82 a. 191; 1867 O. V. A. F. XXIV. 514; and 1876 Svensk. Vet. Handl. 14. no. 4. p. 92 (type *fimbriata*).
- 1 **affinis** Queensland; New South Wales; Murray Isl.
Pentatoma affinis Dallas 1851 List 252.
Plautia do. Froggatt 1900 Agr. Gaz. N. S. W. XII. 4, Pl. f. 7; Van Duzee 1905 Bull. Amer. Mus. XXI. 205.
 Foodplant: *Oryza sativa*.
- 2 **brunnipennis** Queensland; Birara; New Caledonia; Lifu; New South Wales.
Pentatoma brunnipennis Montrouzier et Signoret 1861 A. S. E. France (4) I. 63.
Plautia do. Stål 1876 l. c.; Van Duzee 1905 l. c.; Kirkaldy 1905 T. E. S. London 355; Schouteden 1907 A. S. E. Belg. LI. 110.
P. nigripennis Froggatt 1907 Austral. Ins. 329 (laps. cal.).
- 3 **crassula** Meisol; Papua.
Pentatoma crassula Guérin 1838 Voy. Coquille, Zool. II. 168, Pl. 11. f. 14.
Plautia crassula Stål 1876 l. c.
- 4 **decora** Lombok.
Plautia decora Breddin 1899 Jb. Hamb. Wiss. Anst. XVI. Beih. 2. p. 164.
- 5 **dyakana** nom. nov. Sarawak.
 || *Pentatoma discolor* Walker 1867 Cat. Het. II. 305.
- 6 **crossota** Moluccas; Java; Celebes; Sumatra; Malacca; India; Assam; Burma; Tenasserim; China; Japan; Philippines; Ceylon; Gambia; Madagascar. Balabac.
 || *Cimex fimbriatus* Fabricius 1787 Mant. Ins. II. 295; H-S. 1840 Wanz. V. 63, f. 505.
Pentatoma fimbriatum H-S. 1844 op. cit. VII. 102, f. 768.
 || *P. fimbriolatum* H-S. 1844 l. c. [f. 505].
P. crossota Dallas 1851 l. c.
Plautia fimbriata Stål 1865 Hem. Afr. I. 191; and 1876 Svensk. op. cit. p. 92; Distant 1902 Faun. Ind. Rh. I. 181, f. 108; Breddin 1905 op. cit. XXIII. Beih. 2, p. 114, f. 2.
Rhaphigaster rufoviridis Walker 1867 op. cit. 364.

Liu Kiu.
 (China Shanghai)

var. (b) *stali*

Plautia stali Scott 1874 A. M. N. H. (4) XIV. 299.

Japan.

7 ***grossepunctata***

Pentatoma grossepunctata W. F. Kirby 1900 Mon. Christm. Isl. 128, Pl. XV. f. 2.

Christmas Isl. (Indian Ocean).

8 ***prolata***

Pentatoma prolata Walker 1867 op. cit. 306.

Aru Isl.

9 ***splendens***

Plautia splendens Distant 1900 T. E. S. London 171.

Japan.

10 ***unicolor***

Plautia unicolor Stål 1871 O. V. A. F. XXVII. 632.

Philippines.

11 ***viridicollis***

Pentatoma viridicollis [Westwood] 1837 op. cit. 35.

Java; Ceylon.

? *P. inconspicua* Dallas 1851 op. cit. 250.

Plautia viridicollis Distant 1902 Faun. Ind. Rh. I. 182.

? *P. inconspicua* Breddin 1905 l. c., f. 1.

Nessula.

Breddin 1900 Stett. E. Z. LXI. 313 (type *sponsa*).

1 ***sponsa***

Nessula sponsa Breddin op. cit. 315.

Sumatra.

Acrozangis.

Breddin 1900 Stett. E. Z. LXI. 310 (type *semiprasina*).

1 ***semiprasina***

Acrozangis semiprasina Breddin op. cit. 311.

Sumatra.

Zangiola.

Breddin 1901 Abh. Nat. Ges. Halle XXIV. 51 (type *nitida*).

1 ***nitida***

Zangiola nitida Breddin op. cit. 52.

Celebes.

2 ***punctulata***

Zangiola punctulata Breddin op. cit. 53.

Celebes.

Glaucias.

|| *Zangis* Stål 1867 O. V. A. F. XXIV. 514: and 1876 Svensk. Vet. Handl. 14. no. 4. p. 93 (type *amyoti*!).)

Amblybelus Stål 1876 l. c. (not Montrouzier).

Glaucias Kirkaldy 1908 Entom. XLI. 124 (new name).

1 ***albomaculatus***

Zangis albomaculata Distant 1902 Faun. Ind. Rh. I. 223.

India (Bombay).

2 ***amyoti***

Rhaphigaster amyoti Dallas 1851 List 278.

Nezara amyoti Hutton 1898 T. N. Zealand Inst. XXX. 170 (laps. cal.).

New South Wales;
New Zealand.

3 ***beryllus***

Cimex beryllus Fabricius 1787 Mant. II. 292.

Zangis do. Stål 1868 Svensk. Vet. Handl. 7. no. 11. p. 33;

Distant 1902 op. cit. 222.

India (Tranquebar).

var. (b) *crassa*

Pentatoma crassa [Westwood] 1837 Cat. Hope I. 39.

Zangis beryllus var. *crassa* Distant 1902 l. c.

China; Assam.

4 ***dohrnii***

Nezara dohrnii Stål 1865 Hem. Afr. I. 195.

Zangis do. Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 93.

Kalabar.

1) Distant (1902 Faun. Ind. 221) incorrectly cites *beryllus* as the type, although it is scarcely typical - see p. 364

- 5 **dorsalis** Ceylon.
Rhaphigaster dorsalis Dohrn 1860 Stett. E. Z. XXI. 401.
Zangis do. W. F. Kirby 1892 J. Linn. S. London Zool. XXIV.
 85, Pl. IV. f. 2.
- 6 **guineensis** Guinea; Kamerun.
Edessa guineensis Fabricius 1803 Syst. Rh. 151.
Zangis do. Stål 1868 op. cit. 7. no. 11. p. 33; Karsch 1894
 Stett. E. Z. LV. 100, Pl. 2. f. 9.
- 7 **inornatus** Philippines.
Zangis inornata Stål 1871 O. V. A. F. XXVII. 633.
- 8 **impar** Sumatra; Borneo;
Rhaphigaster impar Walker 1867 op. cit. 374.
R. ludekingii Vollenhoven 1868 Versl. Ak. Amst. Nat. (2) II. 187.
 Java. *Balabac*.
- 9 **nigromarginatus** Philippines.
Zangis nigromarginata Stål 1870 op. cit. 632.
- 10 **subpunctatus** Celebes; Sumatra;
Pentatoma subpunctata Walker 1867 op. cit. 307.
Rhaphigaster melanosticticus Vollenhoven 1868 l. c.
Zangis melanosticta Stål 1876 Svensk. op. cit. 93 (laps. cal.).
Z. subpunctata Distant 1900 A. M. N. H. (7) V. 395; Breddin
 1900 Stett. E. Z. LXI. 308.
 Java.
- 11 **sulcatus** Victoria; New Cale-
Pentatoma sulcatum Montrouzier 1855 Ann. S. Agr. Lyon (2)
 VIII. 98.
Zangis sulcata Stål 1876 l. c.
Z. montrouzieri and *sulcata* Leth. et Sev. 170; Van Duzee 1905
 op. cit. 205.
 donia; Murua; Bi-
 rarra; Lifu.
- 12 **varicornis** Sierra Leone.
Rhaphigaster varicornis Dallas 1851 List 281.
- 13 **virginicus** Ceylon.
Zangis virginea Stål 1876 l. c.
Z. dorsalis Distant 1902 Faun. Ind. Rh. I. 223, f. 140 (not
 Dohrn).

Diplostira.

- Diplostira* Dallas 1851 List 198 a. 300; Stål 1867 O. V. A. F. XXIV. 522 (type
valida).
Carenoscaptus Signoret 1851 A. S. E. F. (2) IX. 341 (type *maculipes* = *valida*).
- 1 **valida** Sikkim; Assam.
Diplostira valida Dallas 1851 op. cit. 301, Pl. 10. f. 5; Distant
 1902 Faun. Ind. Rh. I. 238, f. 151.
Carenoscaptus maculipes Signoret 1851 l. c., Pl. X. f. 10.

Axiagastus.

- Dallas 1851 List 194 a. 221; Stål 1867 op. cit. 511; and 1876 Svensk. Vet. Handl.
 14. no. 4. p. 94 (type *rosmarus*).
- 1 **marmoratus** Murua(=Woodlark).
Pentatoma marmoratum Montrouzier 1855 Ann. S. Agr. Lyon
 (2) VII. 97.
Axiagastus marmoratus Stål 1864 A. S. E. France (4) IV. 52.
- 2 **mitescens** Hainan Isl. (off S.
Axiagastus mitescens Distant 1901 T. E. S. London 586.
 China).
- 3 **rosmarus** Assam; Siam; Philip-
Axiagastus rosmarus Dallas 1851 List 222, Pl. 8. f. 5; Distant
 1902 Faun. Ind. Rh. I. 180, f. 107.
 pines; Celebes.
India.
Sumatra.

Oncotropis.Stål 1871 O. V. A. F. XXVII. 629 (type *carinata*).1 **carinata***Axiagastus carinatus* Stål op. cit. 630.

Philippines.

Paracritheus.|| *Astyanax* Stål 1867 O. V. A. F. XXIV. 511 (type *trimaculatus*).*Paracritheus* Bergroth 1891 Rev. Ent. X. 214 (new name).1 **subaetus***Hoplistodera subaeta* Walker 1867 Cat. Het. II. 267.

Celebes.

2 **trimaculatus***Scutellera trimaculata* Lepelletier et Serville 1828 Enc. Méth. X. 411.Malacca; Java; Burma;
Philippines.*Paracritheus trimaculatus* Distant 1902 Faun. Ind. Rh. I. 173, f. 106.**Critheus.**Stål 1867 O. V. A. F. XXIV. 517 (type *lineatifrons*).1 **lineatifrons***Critheus lineatifrons* Stål 1869 Berlin. E. Z. XIII. 229; Distant 1902 Faun. Ind. Rh. I. 197, f. 119.

Burma; Tenasserim.

Acesines.Stål 1876 Svensk. Vet. Handl. 10. no. 4. p. 65 (type *breviceps*).1 **breviceps***Acesines breviceps* Stål 1876 op. cit. 94.

"E. Indies."

Flaminia.Stål 1865 Hem. Afr. I. 82 a. 199 (type *natalensis*).1 **maxima***Flaminia maxima* Distant 1898 A. M. N. H. (7) II. 313.

Nyasaland.

2 **natalensis***Eysarcoris* (?) *natalensis* Dallas 1851 List 225.*Flaminia* do. Stål 1865 op. cit. 200.Natal; Transvaal;
[? Cape Colony].**Eurysaspis.***Eurysaspis* Signoret 1851 A. S. E. France (2) IX. 342 (type *transversalis*).*Eurysaspis* Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 65 ("emendation").1 **mashonae***Eurysaspis mashonae* Distant 1898 A. M. N. H. (7) II. 308.

Mashonaland.

2 **signoreti***Eurysaspis signoreti* Stål 1855 O. V. A. F. XII. 183; and 1856 op. cit. XIII. 60.

Senegal.

3 **transversalis***Eurysaspis transversalis* Signoret 1851 op. cit. 343, Pl. 10. f. 1.*Eurysaspis* do. Distant 1902 Faun. Ind. I. 240, f. 153.

"Pondicherry" [? really African].

Platacantha.H-S. 1844 Wanz. VII. 124; Stål 1865 Hem. Afr. I. 199 (type *cerea* = *lutea*).1 **lutea***Rhaphigaster luteus* [Westwood] 1837 Cat. Hope I. 31.*R. transversalis* [Westwood] l. c.*Edessa cerea* Germar 1837 Silb. Rev. Ent. V. 161.*Platacantha* do. H-S. 1844 l. c., f. 750.*P. lutea* Stål 1865 Hem. Afr. I. 199.

Transvaal; Nyasaland; Cape Colony.

Cresphontes.

Stål 1867 O. V. A. F. XXIV. 514 (type *nigromaculatus* = *monsoni*).

1 **monsoni**

Rhaphigaster monsoni [Westwood] 1837 Cat. Hope I. 31.
Cresphontes nigromaculatus Haglund 1868 Stett. E. Z. XXIX. 157.
C. monsoni Distant 1900 P. Zool. S. London 814, Pl. 52. f. 6;
 and 1902 Faun. Ind. Rh. I. 235, f. 149.

Deccan; [Cape Colony
 in error].

2 **rufescens**

Cresphontes rufescens Breddin 1900 Deutsch. E. Z. 163.

Java.

Antestia.

Stål 1865 Hem. Afr. I. 82 a. 200; 1867 O. V. A. F. XXIV. 514; and 1876 Svensk.
 Vet. Handl. 14. no. 4. p. 95 (type *maculata*).

1 **adpersa**

Cimex adpersus Fabricius 1803 Syst. Rh. 175.
Antestia adpersa Stål 1868 op. cit. 7. no. 11. p. 34.

Guinea.

2 **anchora**

Cimex anchora Thunberg 1783 Nov. ins. sp. II. 47, Pl. 2. f. 60.
Strachia pardalis Walker 1867 Cat. Het. II. 330.
S. platyspila Walker 1867 op. cit. 337.
Antestia anchora Breddin 1900 Stett. E. Z. LXI. 323; Distant
 1902 Faun. Ind. Rh. I. 183, f. 110 (excl. pt. syn.).

N. India; Burma;
 Perak; S. China
 (Macao!). Siam.
 Penang
 ? Burma

§§ Kershaw and Kirkaldy 1908 J. Bombay N. H. S. p. 177, 113.

Pl. ? (o-a). in "anchora"
 Foodplant: *Pavettia indica*

3 **arlechino**

Pentatoma arlechino Vollenhoven 1868 op. cit. 184.

Sumatra.

4 **bolivari**

Antestia bolivari Bergroth 1891 Rev. Ent. X. 209.

Gabun.

5 **chambereti**

Pentatoma chambereti Le Guillou 1841 Rev. Zool. 262.
Strachia pentaspila Walker 1867 op. cit. 337.
S. quincunx Vollenhoven 1868 op. cit. 186.

Papua; Waigiu.

var. (b) **polychroa**

Pentatoma polychroa Montrouzier 1855 Ann. S. Agr. Lyon
 (2) VII. 96.

Murua [= Woodlark].

6 **cincticollis**

Cimex cincticollis Schaum 1853 Sitzungsber. Ak. Berlin 357;
 and 1862 Peters' Reise Mossamb., Ins. 40, Pl. 2. f. 4.

Portuguese E. Africa;
 Mashonaland; Nya-
 saland; "Central
 Africa" (Kibanga).

var. (b) **bergrothiana** nov.

Antestia cincticollis var. Bergroth 1891 op. cit. 208.

7 **elymeneis** nom. nov.

|| *Pentatoma confusa* Signoret 1861 A. S. E. France (3) VIII. 932.
Antestia do. Stål 1865 Hem. Afr. I. 201.

Madagascar.

8 **cruciata**

Cimex cruciatus Fabricius 1775 Syst. Ent. 714; Wolff 1801
 Ic. Cim. 62, Pl. VII. f. 59; H-S. 1840 Wanz. V. 63, f. 506.
Pentatoma pantherina [Westwood] 1837 Cat. Hope I. 34.
P. cruciata Amyot et Serville 1843 Hém. 132.
Strachia geometrica Nietner 1861 En. Coffee Tree 8; and 1880
 (ed. 2) p. 13; Motshulsky 1863 Bull. S. N. Mosc. XXXVI. 75.
S. velata Walker 1867 op. cit. 329.
S. subacta Walker 1867 l. c.

India; Ceylon; Assam;
 Burma; Tenasse-
 rim; Java; Phi-
 lippines. S.

Antestia cruciata Stål 1870 O. V. A. F. XXVII. 630; and
 1876 Svensk. Vet. Handl. 14. no. 4. p. 96; Distant
 1902 Faun. Ind. Rh. I. 185.

Foodplant: *Coffea arabica* (Nietner).

sep. 365

- 9 **degenera**.
Pentatoma degenera Walker 1867 op. cit. 304.
Antestia angulosa Stål 1870 O. V. A. F. XXVII. 630; and 1876 Svensk. Vet. Handl. 14. no. 4. p. 95.
A. punctatissima W. F. Kirby 1892 J. Linn. S. London, Zool. XXIV. 83.
A. degenera Distant 1902 op. cit. 186.
Ceylon; Burma; Malay Pen.; Philippines. **Sarawak**
- 10 **ellenriederi**
Pentatoma cruciata Ellenrieder 1862 Nat. Tijdschr. Ned. Ind. XXIV. 154 (not Fabricius).
Antestia ellenriederi Breddin 1900 Stett. E. Z. LXI. 322.
Foodplants: *Oryza sativa* and grasses.
Sumatra; Borneo; Java.
- 11 **gibba**
Antestia gibba Breddin 1904 Wien. E. Z. XXIII. 10.
Papua.
- 12 **guttifera**
Antestia guttifera Gerstäcker 1892 Jb. Hamb. Wiss. Anst. IX. 46.
German E. Africa.
- 13 **javana** nom. nov. **hilaris**
Pentatoma javana Vollenhoven 1868 op. cit. 184.
Java.
- 14 **ignobilis**
Pentatoma ignobilis Vollenhoven 1868 l. c.
Celebes.
- 15 **instabilis**
Strachia instabilis Vollenhoven 1868 op. cit. 186.
Timor; Weimar Isl.
- 16 **laevigata**
Antestia laevigata Breddin 1901 Abh. Ges. Nat. Halle XXIV. 54.
Celebes.
- 17 **lata**
Antestia lata Bergroth 1891 Rev. Ent. X. 207.
Assinia. [Ivory Coast].
- 18 **lymphata** nom. nov.
Pentatoma maculata Dallas 1851 List 241.
Antestia do. Stål 1865 Hem. Afr. I. 200; and 1876 Svensk. Vet. Handl. 14. no. 4. p. 96.
"S. Africa."
- 19 **massyllia** nom. nov.
Pentatoma marginata Signoret 1858 Thoms. Arch. Ent. II. 283.
Antestia do. Stål 1865 Hem. Afr. I. 203.
Guinea.
- 20 **mauritii**
Pentatoma mauritii Stål 1859 Eugen. Resa, Ins. 227.
Antestia do. Stål 1865 Hem. Afr. I. 204; and 1876 Svensk. Vet. Handl. 14. no. 4. p. 96.
Mauritius. [? Mashonaland].
- 21 **notia**
Pentatoma notia Dallas 1851 List 252.
Queensland.
- 22 **nurus**
Pentatoma nurus Vollenhoven 1868 op. cit. 185.
Java.
- 23 **oliva**
Antestia oliva Van Duzee 1905 Bull. Amer. Mus. XXI. 206, Pl. 8. f. 7.
New South Wales.
- 24 **orbitalis**
Cimex olivaceus Thunberg 1822 Hem. rostr. Cap. II. 2.
Pentatoma orbitalis [Westwood] 1837 Cat. Hope I. 35.
var. (b) **faceta**
Cimex variegatus Thunberg 1783 Nov. ins. sp. II. 48, Pl. 2. f. 62.
C. facetus Germar 1837 Silb. Rev. Ent. V. 172.
Antestia variegata Stål 1865 Hem. Afr. I. 202.
Strachia pentatomoides Walker 1867 op. cit. 325.
var. (c) **lineaticollis**
Pentatoma lineaticollis Stål 1853 O. V. A. F. X. 220.
Aegaleus bechuana Kirkaldy 1900 Entom. XXXIII. 78.
§ Kirkaldy l. c.
Transvaal; Natal; Cape Colony; Nyasaland; Bechuanaland; German E. Africa; Zanzibar.

- § Fuller 1901 Rep. Ent. Natal I. 87, fig.
 §§ Zimmermann 1903 Ber. Land. Forstwirtschaft. Deutsch-Ost-Afr. I. 366, Pl. IV. figs. 12—17 (o—a).
 Foodplant: *Coffea arabica*.
- 25 **orbona** nom. nov.
 || *Pentatoma pallipes* Dallas 1851 List 239. "Australia."
- 26 **partita**
Strachia partita Walker 1867 Cat. Het. II. 334. Papua; Sumatra;
S. subcostalis Walker 1867 op. cit. 335. Java.
S. semiviridis Walker 1867 op. cit. 336.
Pentatoma plebeja Vollenhoven 1868 Versl. Ak. Amst. Nat. (2) II. 184; Koningsberger 1903 Med. 's lands plant. LXIV. 74.
Antestia partita Distant 1900 A. M. N. H. (7) V. 395.
A. plebeja (?) Breddin 1900 Stett. E. Z. LXI. 323.
 Foodplants: *Coffea arabica* and *liberica*; *Fraxinus*; *Morinda*.
 §§ Zimmermann 1904 Med. 's lands plant. LXVII. 5—23, textfigs. 1—17, Pl. 1. f. 1—6 (o—a).
- 27 **pauperata**
Antestia pauperata Breddin 1901 Abh. Ges. Nat. Halle XXIV. 55. Celebes.
- 28 **perroudi**
Pentatoma perroudi Montrouzier 1858 A. S. Linn. Lyon N. S. V. 250; Montrouzier et Signoret 1861 A. S. E. France (4) I. 64. New Caledonia; Art.
Antestia do. Stål 1865 A. S. E. France (4) V. 169; Schouteden 1907 A. S. E. Belg. LI. 111.
- 29 **philippina**
 || *Antestia confusa* Breddin 1902 Wien. E. Z. XXI. 94. Philippines.
A. philippina Breddin 1904 op. cit. XXIII. 10 (new name).
- 30 **polluta**
Caura polluta Distant 1900 T. E. S. London 168. Angola.
- 31 **polyspila**
Strachia polyspila Walker 1867 op. cit. 336. Celebes.
Antestia do. Breddin 1901 Abh. Nat. Ges. Halle XXIV. 54.
- 32 **quadrinaculata**
Antestia quadrinaculata Walker 1867 op. cit. 282. Celebes.
- 33 **rorulenta**
Antestia rorulenta Bergroth 1891 Rev. Ent. X. 209. Senegambia.
- 34 **rotundata**
Mormidea rotundata Signoret 1858 Thoms. Arch. Ent. II. 286. Guinea.
Antestia do. Stål 1865 Hem. Afr. I. 204.
- 35 **scurra**
Pentatoma scurra Vollenhoven 1868 op. cit. 185. Sumatra; Java.
- 36 **securigera**
Strachia securigera Walker 1867 op. cit. 334. Meisol; [Burma in error].
- 37 **transvaalia**
Antestia transvaalia Distant 1892 Nat. Transv. 251, Pl. 3. f. 6. Transvaal.
- 38 **viridis**
Strachia viridis Signoret 1858 l. c. Guinea.
Antestia do. Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 96.

200 p. 307
Otantestia.

Breddin 1900 Stett. E. Z. LXI. 324 (type *pulchra* = *heterospila*).

1 **heterospila**

|| *Pentatoma pulchra* Dallas 1851 List 253.

Strachia heterospila Walker 1867 Cat. Het. II. 331.

N. India; Burma; Tennasserim; Sumatra.

Phavorinus afflictus
 200 p. 345

Otantestia pulchra Breddin 1900 op. cit. 325.
Antestia do. Distant 1902 Faun. Ind. Rh. I. 184.

2 **modificata**

Antestia modificata Distant 1887 T. E. S. London 350. Pl. 12.
 f. 4; and 1902 Faun. Ind. Rh. I. 185.

Sikkim.

Lathraedoeus.

Breddin 1900 Ent. Nachr. XXVI. 25 (type *speculator*).

1 **speculator**

Lathraedoeus speculator Breddin op. cit. 26.

Papua.

Apines.

Dallas 1851 List 195 a. 231 (type *concinna*).

1 **concinna**

Apines concinna Dallas 1851 op. cit. 232, Pl. 9. f. 2; Distant
 1902 op. cit. 186, f. 111.

India.

§ Atkinson 1889 Ind. Mus. Notes I. 127 (attacks winter crops)

2 **geminata**

Apines geminata Van Duzee 1905 Bull. Amer. Mus. XXI. 206,
 Pl. S. f. 8.

New South Wales.

Actuarius.

Distant 1900 P. Z. S. London 814 (type *albonotatus*).

1 **albonotatus**

Pentatoma albonotata [Westwood] 1837 Cat. Hope I. 37.

Actuarius albonotatus Distant 1900 op. cit., Pl. 52. f. 11.

Gambia.

Menida.

Menida Motshulsky 1861 Études Ent. X. 23; Stål 1876 Svensk. Vet. Handl. 14.
 no. 4. p. 97 (type *violacea*).

Stromatocoris Jakovlev 1876 Bull. S. N. Moscou 92 (type *amoenus* = *scotti*).

1 **amoenus**

Rhaphigaster amoenus Stål 1853 O. V. A. F. X. 222.

Antestia amoena Stål 1865 Hem. Afr. I. 208.

Cape Colony; Trans-
vaal.2 **annulifera**

Antestia annulifera Walker 1868 Cat. Het. III. 558.

Cape Colony; Trans-
vaal.3 **apicalis**

Rhaphigaster apicalis Dallas 1851 List 285.

Menida apicalis Distant 1902 Faun. Ind. I. 228.

N. India.

4 **atkinsoni**

Menida atkinsoni Distant 1900 T. E. S. London 171, Pl. 2.
 f. 10; and 1902 Faun. Ind. I. 229.

Sikhim.

5 **bengalensis**

|| *Cimex histrio* Fabricius 1787 Mant. Ins. II. 296.

Pentatoma bengalensis [Westwood] 1837 Cat. Hope I. 36.

Rhaphigaster concinnus Dallas 1851 List 285.

R. strachoides Walker 1867 Cat. Het. II. 365.

Menida histrio Distant 1902 Faun. Ind. Rh. I. 228.

§ Koningsberger † Teysmannia VIII. 320.

Foodplant: *Zea mays*; *Oryza sativa*.

N. India; Burma;
China: Tai-Wan
[= Formosa]; Java.
Ceylon6 **bisignata**

Rhaphigaster bisignatus Walker 1867 op. cit. II. 366.

Menida bisignata Distant 1902 op. cit. 230.

"Hindustan."

7 **continua**

Rhaphigaster continuus Walker 1867 op. cit. 368.

var. (b) **interrupta**

Rhaphigaster interruptus Walker 1867 op. cit. 369.

Meisol.

- 8 **decoratula**
Rhaphigaster decoratulus Stål 1853 O. V. A. F. X. 222.
R. scurrilis Stål 1853 l. c.
Antestia decoratula Stål 1865 Hem. Afr. I. 207. Cape Colony; Transvaal; Zanzibar.
- 9 **discoidalis**
Rhaphigaster discoidalis Walker 1868 op. cit. III. 568. Papua.
- 10 **distanti**
Menida distanti Horváth 1892 Termész. füzet. XV. 258. C. Africa.
- 11 **distincta**
Menida distincta Distant 1879 T. E. S. London 122; and Sci. res. 2nd Yarkand Miss., Rh. 6, Pl. f. 3; and 1902 Faun. Ind. Rh. I. 228. Kashmir; N. India.
- 12 **elongata**
Menida elongata Distant 1902 op. cit. 230. Burma.
- 13 **flavovaria**
Rhaphigaster flavovarius Dallas 1851 List 288.
Menida flavovaria Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 98; Distant 1902 op. cit. 227. N. India; Assam.
- 14 **formosa**
Pentatoma formosa [Westwood] 1837 Cat. Hope I. 34.
Rhaphigaster spectandus Stål 1859 Eugen. Resa, Ins. 230.
~~*R. albicans* Ellenrieder 1862 Nat. Tijdschr. Ned. Ind. XXIV. 159.~~
~~*R. nitens* Vollenhoven 1868 Versl. Ak. Amst. Nat. (2) II. 187.~~
Menida formosa Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 99; Breddin 1898 Ent. Nachr. XXIV. 119; Distant 1902 op. cit. 226, f. 143. India; Burma; Tenasserim; China (Shanghai); Malacca; Borneo; Sumatra; Banguay. *formosa*
- 15 **gerstaeckeri**
Menida gerstaeckeri Bergroth 1891 Rev. Ent. X. 209. Sierra Leone.
- 16 **gratiosa**
Antestia gratiosa Stål 1865 Hem. Afr. I. 209. Guinea.
- 17 **guttifera**
Antestia guttifera Gerstaecker 1892 op. cit. 46. German E. Africa.
- 18 **indecora**
Rhaphigaster indecorus Walker 1868 op. cit. III. 568. Papua.
- 19 **jakowleffi**
 || *Menida poecila* Jakovlev 1903 Русск. Знт. Обозр. III. 378.
M. jakowleffi Horváth 1907 Ann. Mus. Hung. V. 297 (new name). Turkomania.
- 20 **labecula**
Menida labecula Distant 1900 A. M. N. H. (7) V. 396; and 1902 Faun. Ind. Rh. I. 229. Ceylon.
- 21 **leucophaca** ~~*simplificata*~~ — *cf. for the sp.*
Antestia leucophaca Walker 1867 op. cit. II. 281. Papua.
- 22 **longula**
Discocephala longula Walker 1867 op. cit. I. 189. — ?
- 23 **loriventris**
Cimex loriventris Germar 1837 Silb. Rev. Ent. V. 173.
Rhaphigaster do. H-S. 1846 Wanz. VIII. 8, f. 782.
Antestia do. Stål 1865 Hem. Afr. I. 206.
Menida do. Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 98. Cape Colony; Mashonaland.
- 24 **lythodes**
Cimex lythodes Germar 1837 op. cit. 175.
Rhaphigaster do. H-S. 1846 op. cit. 10, f. 787. Cape Colony.
- 25 **maculiventris**
Rhaphigaster maculiventris Dallas 1851 List 286.
R. elongatus Signoret 1858 Thoms. Arch. Ent. II. 289. Guinea.

R. cinticeps Stål 1858 O. V. A. F. XV. 438.

Antestia maculiventris Stål 1865 Hem. Afr. I. 207.

26 ? **megaspila**

Antestia megaspora Walker 1868 op. cit. III. 559.

Menida? do. Distant 1900 A. M. N. H. (7) V. 396.

N. China; S. China
(Hongkong).

27 **musiva**

Stromatocoris musivus Jakovlev 1876 Bull. S. N. Moscou L. 96.

Menida japonica Distant 1883 T. E. S. London 425, Pl. 19. f. 7.

E. Siberia; Japan.

28 **nyasae**

Menida nyasae Distant 1898 A. M. N. H. (7) II. 313.

Nyasaland.

29 **pallipes**

Rhaphigaster pallipes Dallas 1851 List 287.

— ?

30 **parvula**

Rhaphigaster parvulus Signoret 1858 l. c.

Antestia parvula Stål 1865 Hem. Afr. I. 211.

Menida do. Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 99.

Guinea.

31 **perpuncta**

Pentatoma perpunctata Signoret 1858 op. cit. 233.

Antestia do. Stål 1865 Hem. Afr. I. 209.

Guinea.

32 **personata**

Menida personata Distant 1881 T. E. S. London 217.

Queensland (Peak
Downs).

33 **plebeja**

Menida plebeja Distant 1881 op. cit. 216.

Queensland (Peak
Downs); New South
Wales.

34 **poeila**

Rhaphigaster poecilus Dallas 1851 l. c.

Transvaal.

35 **purpuraria**

Menida purpuraria Distant 1881 op. cit. 217.

Queensland.

36 **quadrimaculata**

Menida quadrimaculata Horváth 1892 Termész. füzet. XV. 134.

Mongolia; Turko-
mania; Turkestan.

37 **rubriplaga**

Rhaphigaster rubriplaga Walker 1867 Cat. Het. II. 365.

Menida do. Distant 1902 Faun. Ind. Rh. II. 229.

N. India.

38 **scotti**

Stromatocoris || *amoemus* Jakovlev 1876 Bull. S. N. Moscou L. 93.

Menida scotti Puton 1886 Cat. Hém. paléarct. (ed. III) p. 94
(new name).

E. Siberia; China
(Pekin); Japan.

var. (b) **sinensis**

Menida scotti var. *sinensis* Reuter 1888 Rev. Ent. VII. 64.

— ? [India? Africa?]

39 **signoretii**

Menida signoretii Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 98.

Java.

40 **subcastanea**

Menida subcastanea Breddin 1898 Ent. Nachr. XXIV. 119.

Madagascar.

41 **transversa**

Rhaphigaster transversus Signoret 1861 A. S. E. France (3)
VIII. 936.

Antestia transversa Stål 1865 Hem. Afr. I. 210.

Guinea.

42 **versicolor**

Pentatoma versicolor Palisot de Beauvois 1805 Ins. Afr. Amér.
114, Hém. Pl. 8. f. 8.

Antestia do. Stål 1865 l. c.

Japan; E. Siberia.

43 **violacea**

Menida violacea Motshulsky 1861 Études Ent. X. 23; Stål
1876 Svensk. Vet. Handl. 14. no. 4. p. 97.

Pygomenida.Breddin 1898 Ent. Nachr. XXIV. 116 (type *varipennis*).

- 1 ? **consignata** *Menida consignata* Distant 1881 T. E. S. London 215. Queensland (Peak Downs).
Pygomenida? do. Breddin 1898 op. cit. 118.
- 2 **guttipennis** *Rhaphigaster guttipennis* Ellenrieder 1862 Nat. Tijdschr. Ned. Sumatra.
 Ind. XXIV. 158, Pl. 5. f. 27.
Pygomenida? do. Breddin 1898 l. c.
 Foodplants: *Oryza sativa*; Papilionaceae.
- 3 **pauper** *Pygomenida pauper* Breddin 1898 op. cit. 117. Java; Lombok.
- 4 **varipennis** *Pentatoma varipennis* [Westwood] 1837 Cat. Hope I. 43. N. India; Assam; Tenasserim; Malay Pen.; Java; Sumatra; Celebes.
Menida do. Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 98:
 Distant 1902 Faun. Ind. Rh. I. 227.
Pygomenida do. Breddin 1901 Abh. Ges. Nat. Halle XXIV. 56.
 var. (b) **atromarginata** nov.
 = var. Distant l. c.

Neostrachia.E. Saunders 1877 Ent. Mo. Mag. XIV. 103; Breddin 1898 Ent. Nachr. XXIV. 113 (type *hellenica*).

- 1 **hellenica** *Neostrachia hellenica* Saunders l. c.; Breddin 1898 op. cit. 114. Greece.
- 2 **schultheissi** *Neostrachia schultheissi* Breddin l. c. Borneo.

Aegaleus.

Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 66 (type *lineatus* = *divisus*).
 subgen. (b) **Paraegaleus** nov. (type *inermiventris*).
 = *Aegaleus* (aa) Stål 1876.

(a) subgen. typic.

- 1 **bicinctus** *Cimex bicinctus* Germar 1837 Silb. Rev. Ent. V. 174. Cape Colony.
Rhaphigaster do. H-S. 1846 Wanz. VIII. 9, f. 785.
Antestia bicincta Stål 1865 Hem. Afr. I. 205.
- 2 **divisus** *Cimex lineatus* Thunberg 1822 Hem. rostr. Cap. II. 2. Cape Colony.
C. divisus H-S. 1840 Wanz. V. 62, f. 504.
Antestia lineata Stål 1865 op. cit. 206.

(b) subgen. *Paraegaleus*.

- 3 **inermiventris** *Antestia inermiventris* Stål 1865 op. cit. 205. Cape Colony.
- 4 **sparmani** *Antestia sparmani* Stål 1865 l. c. Cape Colony.

Amphimachus.Stål 1867 O. V. A. F. XXIV. 512 (type *circumflexus*).

- 1 **circumflexus** *Aedrus circumflexus* Stål 1855 O. V. A. F. XII. 182. — ?

Aspideurus.Signoret 1880 Ann. Mus. Genov. XV. 535; Breddin 1900 Stett. E. Z. LXI. 317 (type *quadrimaculatus*).

- 1 **flavescens**
Aspideurus flavescens Breddin 1900 Ent. Nachr. XXVI. 24. N. Queensland.
- 2 **metallicus**
Aspideurus metallicus Breddin 1904 Wien. Ent. Zeit. XXIII. 10. Java.
- 3 **ornatus**
Aspideurus ornatus Breddin 1900 Deutsch. Ent. Zeit. 161. Java.
- 4 **politus**
Aspideurus politus Breddin 1900 Stett. Ent. Zeit. LXI. 318. Sumatra.
- 5 **quadrimaculatus**
Aspideurus quadrimaculatus Signoret 1880 Ann. Mus. Gen. XV. 535. Papua.
- 6 **varians**
Aspideurus varians Breddin 1899 Beih. Jb. Hamb. Wiss. Anst. XVI. (2) 189. Sumbawa.
- 7 **variegatus**
Aspideurus variegatus Signoret 1880 op. cit. 536. Celebes.

Saceseurus.Breddin 1900 Stett. E. Z. LXI. 320 (type *bicolor*).

- 1 **bicolor**
Saceseurus bicolor Breddin 1900 op. cit. 321. Borneo; Banguay Is.; Sumatra.

Brachycoris.Stål 1870 O. V. A. F. XXVII. 633 (type *semiflavus*).

- 1 **insignis**
Brachycoris insignis Distant 1900 A. M. N. H. (5) VII. 420; and 1902 Faun. Ind. Rh. I. 241, f. 154. Ceylon; Burma; Borneo.
- var. (b) **nigrescens** nov.
= var. *a* Distant 1902.
- var. (c) **flavinotum** nov.
= var. *b* Distant 1902.
- 2 **semiflavus**,
Brachycoris semiflavus Stål 1870 op. cit. 634, Pl. 7. f. 3. Philippines.
- 3 **thoracicus**
Brachycoris thoracicus Distant 1901 T. E. S. London 586. Borneo.

Piezodorus.*Piezodorus* Fieber 1860 Eur. Hem. 78; Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 66 (type *degeeri* = *lituratus*).*Nezara* subg. *Piezodorus* Stål 1865 Hem. Afr. I. 198.*Piestodorus* Douglas and Scott 1876 Cat. Br. Hem. 6 ("emend.").

- 1 **guldinii**
Raphigaster guldinii [Westwood] 1837 Cat. Hope I. 31. Paraguay; Brazil; Trinidad; Guatemala; Jamaica; Cuba; St. Vincent; Grenada; Hispaniola; Mexico; S. Florida; Georgia; New Mexico.
- Piezodorus* do. Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 45.
- P. guldinigi* Distant 1880 B. C. A., Het. I. 81. Pl. 7. f. 6; Uhler 1894 P. Z. S. London 175; Van Duzee 1907 Bull. Buffalo Soc. VIII. 10.
- 2 **herbaceus** *herbaceus* Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 44. St. Thomas Isl. (W. Indies).
- 3 ? **inexpertus**
Raphigaster ineptus Walker 1867 Cat. Het. II. 363. Gambia.
- Piezodorus*? do. Distant 1900 A. M. N. H. (7) V. 421.
- 4 **lituratus**
|| *Cimex bilobus* Gmelin 1789 Syst. Nat. (Ed. XIII). p. 2149. Europe; Madeira; N. Africa; Syria; Persia; Turkestan.
- C. lituratus* Fabricius 1794 Ent. Syst. IV. 114.

C. incarnatus Germar 1818 Faun. Eur. 4. 23 (not Drury).
Pentatoma purpuripennis Hahn 1834 Wanz. II. 62, f. 151.
Rhaphigaster punctulatus [Westwood] 1837 Cat. Hope I. 31.
Pentatoma purpuripennis var. *roseus* Gorski 1852 Anal. Ent. Ross. 102.

Piezodorus degeeri Fieber 1861 Eur. Hem. 329.

see p. 364 *P. purpuripennis* Douglas and Scott 1865 Brit. Hem. 100, Pl. 3. f. 9 ("emend.").

Rhaphigaster parilis Walker 1867 op. cit. 374.

Piezodorus lituratus Saunders 1892 Hem. Het. Brit. 31, Pl. 3. f. 4. var. (b) *alliacea*

Pentatoma alliaceum Germar 1823 Faun. Eur. 9.

P. purpuripennis var. *griseoviridis* Gorski 1852 op. cit. 101.

Piezodorus incarnatus var. *alliaceus* Puton 1881 Syn. Hém. France II. 67.

§ Johnson, W. F. 1901 Ent. Mo. Mag. (2) XII. 73.

Foodplants: *Betula*; *Crataegus*; *Lonicera*; *Melilotus*; *Quercus*; *Cytisus scoparius*; *Trifolium*; *Ulex*.

5 *leprieuri*

Piezodorus leprieuri Signoret 1880 B. S. E. France (6) X. p. CXXXV.

Egypt.

6 *martini*

Piezodorus martini Puton 1890 Rev. Ent. IX. 227.

S. Russia; Syria.

7 *pallescens*

Cimex pallescens Germar 1837 Silb. Rev. Ent. V. 175.

Rhaphigaster do. H-S. 1846 Wanz. VIII. 11.

R. flavulus Stål 1853 O. V. A. F. X. 221.

Nezara pallescens Stål 1865 Hem. Afr. I. 198.

Piezodorus Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 100.

Cape Colony; Transvaal.

8 *punctipes*

Piezodorus punctipes Puton 1889 Rev. Ent. VIII. 298.

Canary Isles.

9 *punctiventris*

Rhaphigaster punctiventris Dallas 1851 List 284.

Senegal.

10 *purus*

Rhaphigaster purus Stål 1853 O. V. A. F. X. 221.

Nezara pura Stål 1865 Hem. Afr. I. 198.

Piezodorus purus Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 100.

Cape Colony; Transvaal.

11 *hybneri*

|| *Cimex rubrofasciatus* Fabricius 1787 Mant. Ins. II. 293.

C. hybneri Gmelin 1789 Syst. Nat. (ed. XIII). 2151.¹⁾

C. flavescens Fabricius 1798 Ent. Syst. suppl. 534.

Rhaphigaster flavolineatus [Westwood] 1837 op. cit. 31.

R. virescens Amyot et Serville 1843 Hém. 145.

Nezara pellucida Ellenrieder 1862 Nat. Tijdschr. Ned. Ind. XXIV. 157, f. 26.

Rhaphigaster oceanicus Montrouzier 1864 A. S. Linn. Lyon (2) XI. 224.

Rhaphigaster extenuatus Walker 1867 op. cit. 371.

|| *R. pallescens* Walker 1868 op. cit. III. 568.

Piezodorus rubrofasciatus Stål 1868 Svensk. Vet. Handl. 7. no.

II. p. 32; Distant 1902 Faun. Ind. Rh. I. 224, f. 142.

§ Kirkaldy 1908 P. Haw. E. S. I. 172 (distribution and attempted extension).

§ Kirkaldy 1908 P. Linn. S. N. S. W. XXXIII. 348 (n.).

Foodplants: Synanthereae.

India; Assam; Ceylon; Burma; Sumatra; Java; CochinChina; Philippines; Japan; Queensland; New South Wales; New Caledonia; Lifu; Murua; Fiji; Tahiti; Abyssinia; Zanzibar; Mauritius.

S. China
(Hawaii in error)

¹⁾ not *hybneri* as usually quoted.

12 **teretipes***Nezara teretipes* Stål 1865 Hem. Afr. I. 193.

Nubia.

13 **tinctus***Piezodorus tinctus* Distant 1890 B. C. A., Het. I. 341, Pl. 31. f. 22.

Panama: "Antilles".

Thoreyella.*Thoreyella* Spinola 1850 Mem. Soc. Ital. Mod. XXV. 34 and sep. 79 (type *brasiliensis*).*Uditta* Stål 1860 Svensk. Vet. Handl. 2. no. 7. p. 23; and 1867 O. V. A. F. XXIV. 531 (type *impicta* = *brasiliensis*).1 **brasiliensis***Thoreyella brasiliensis* Spinola 1850 op. cit. sep. 80.

Brazil.

|| *Rhaphigaster acutus* H-S. 1851 Wanz. IX. 318.*Uditta impicta* Stål 1860 Svensk. Vet. Handl. 2. no. 7. p. 24.2 **concolor***Mormidea concolor* Walker 1867 Cat. Het. II 256.

Brazil.

3 **cornuta***Thoreyella cornuta* Berg 1884 Hem. Arg. Add. 31.

Uruguay.

4 **trinotata***Thoreyella trinotata* Berg 1879 Hem. Arg. 58; and 1884 Hem. Arg. Add. 30.

Argentina; Uruguay.

5 **truncata**† *Euschistus truncatus* Fallou 1888 Le Naturaliste (2) I. 36.

Brazil.

Dabessus.Distant 1902 Faun. Ind. Rh. I. 226 u. 234 (type *repellens*).1 **repellens**

Ceylon.

Rhaphigaster repellens W. F. Kirby 1892 J. Linn. S. London,

Zool. XXIV. 86, Pl. 4. f. 9.

Araducta do. Distant 1900 A. M. N. H. (7) V. 427.*Dabessus do.* Distant 1902 Faun. Ind. Rh. I. 235, f. 148.**Dunnius.**Distant 1902 op. cit. 225 a. 231 (type *fulvescens*).1 **bellus**

Ceylon.

Araducta bella Distant 1900 A. M. N. H. (7) V. 427.*Dunnius bellus* Distant 1902 Faun. Ind. Rh. I. 233, f. 146.2 **fulvescens***Rhaphigaster fulvescens* Dallas 1851 List 283.

Sikhim; Burma.

Plexippus do. Distant 1900 A. M. N. H. (7) V. 387.*Dunnius do.* Distant 1902 Faun. Ind. Rh. I. 232, f. 145.3 **sordidus**

Ceylon.

Rhaphigaster sordida W. F. Kirby 1892 op. cit. 86.*Araducta sordida* Distant 1900 A. M. N. H. (7) V. 427.*Dunnius sordidus* Distant 1902 Faun. Ind. Rh. I. 232.**Anchesmus.**Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 66 (type *ruficornis*).1 **ruficornis**

Egypt.

Anchesmus ruficornis Stål 1876 op. cit. 100.**Acrocorisellus.**|| *Acrocoris* Jakovlev 1876 Bull. S. N. Moscou L. 162 (type *serraticollis*).*Acrocorisellus* Puton 1886 Cat. Hém. pal. (Ed. III.) p. 13 (new name).1 **serraticollis**

Siberia.

Acrocoris serraticollis Jakovlev 1876 op. cit. 104.see p. 365 *mycterizon*

Rhaphigaster. P. 844

Rhaphigaster Laporte 1832 Essai 55 a. 59; Stål 1872 O. V. A. F. XXXIII. 38

(type *griseus* = *nebulosus*).

Rhaphigaster Fieber 1860 Eur. Hem. 78; and 1861 op. cit. 329.

Rhaphidogaster T. A. Marshall 1868 Ent. Mo. Mag. IV. 281 ("emend.).

1 *mongolica*

Rhaphigaster mongolica Puton 1898 Rev. Ent. XVII. 273.

E. Turkestan.

2 *nebulosa*

Cimex nebulosus Poda 1761 Ins. Mus. Graec. 56.

C. baccarum ♀ Scopoli 1763 Ent. Carn. 123 (not Linneus).

? *C. atomarius* Fabricius 1775 Syst. Ent. 712.

C. sagittifer Goeze 1778 Ent. Beytr. II. 274.

C. interstinctus Schrank 1781 Ins. Austr. 272 (not Linneus).

C. lentiginosus Gmelin 1788 Syst. Nat. (Ed. XIII) p. 2135.

C. griseus Fabricius 1781 Spec. Ins. II. 356; Petagna 1792 Ins.

Ent. 1. 634; Wolff 1801 Ic. Cim. 59, Pl. 6. f. 56 (not Linneus).

† *C. punctipennis* Rossi 1806 Faun. Etr. 372.

Pentatoma stigmatica Palisot 1805 Ins. Afr. Amér. 128, Pl. Hém. IX. f. 2.

Rhaphigaster griseus Fieber 1861 op. cit. 329.

Rhaphigaster grisea Puton 1881 Syn. Hém. France II. 67; Fairmaire 1884 Deyrolle's H. N. France XI, Pl. 2. f. 7.

var. (b) *impunctata*

† *Rhaphigaster griseus* var. *impunctata* Garbiglietti 1861 B. S. E. Ital. p. 10; Ferrari 1874 Ann. Mus. Genov. VI. 132.

var. (c) *brevispina*

Rhaphigaster nebulosa var. *brevispina* Horváth 1889 Wien. E. Z. VIII. 174.

§§ Dufour 1834 Mém. Sav. Étr. Ac. France IV. 155 etc., figs. 4—9 etc. (anatomy). (abstract in Amyot et Serville 1843 Hém. 146).

§ Pissot 1888 B. S. E. France pp. CXC—CXCVI (habits; copulation; parasites).

§ Cuénot 1891 Arch. Zool. Expér. (2) IX. ex 365—407 (fibrin present).

§ Bugnion 1908 B. S. E. France for 1907 p. 347 (salivary glands).

This species possesses a very disgusting odour.

Foodplants: *Populus*; *Prunus*; *Ulmus campestris*; under loose willow bark. *Berberis*.

Parasitized by *Gymnosoma rotundata*, *Ocyptera bicolor* and *brassicaria*; *Phasia dispar* [Dipt.] Macquart Dipt. II. 69.

Ambiorix.

Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 66 (type *aenescens*).

1 *aenescens*

Ambiorix aenescens Stål 1876 op. cit. 100; Distant 1902 Faun. Ind. Rh. I. 239, f. 152.

N. India.

Anaximenes.

Stål 1876 op. cit. 66 (type *confluentus*).

1 *confluentus*

Nezara confluenta (!) Montrouzier et Signoret 1861 A. S. E. France (4) I. 65.

Rhaphigaster amyoti Montrouzier 1864 A. S. Linn. Lyon (2) XI. 224.

New Caledonia.

- Piezodorus confluentus* Stål 1865 A. S. E. France (4) V. 169.
Anaximenes do. Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 101.
A. amyoti Schouteden 1907 A. S. E. Belg. LI. 111.

Alciphron.

Stål 1876 op. cit. 67 (type *glaucus*).

1 *glaucus*

- Cimex glaucus* Fabricius 1775 Syst. Ent. 714.
Edessa glauca Fabricius 1803 Syst. Rh. 154.
Pentatoma punctum Montrouzier 1861 A. S. E. France (4) I. 64.
Banasa glauca Stål 1866 Berlin. E. Z. X. 156.
Alciphron glaucus Stål 1876 Svensk. Vet. Handl. 14. no. 4.
 p. 101.

New Caledonia; Lifu;
 Murua "Australia".

Gadarscama.

Reuter 1887 Ent. Tidskr. VIII. 88 (type *ebenau*).

1 *ebenau*

- Gadarscama ebenau* Reuter 1887 l. c.

Madagascar.

Bathycoelia.

- Amyot et Serville 1843 Hém. 110; Stål 1865 Hém. Afr. I. 189; and 1876 Svensk. Vet. Handl. 14. no. 4. p. 101 (type *buonopoziensis*).

1 *buonopoziensis*

- Pentatoma buonopoziensis* Palisot 1805 Ins. Afr. Amér. 82,
 Hém. Pl. 7. f. 2.
Bathycoelia do. Amyot et Serville 1843 Hém. 110; Stål 1865
 Hém. Afr. I. 190.

Guinea.

2 *conferenda*

- Bathycoelia conferenda* Bergroth 1891 Rev. Ent. X. 210.

Madagascar.

3 *distincta*

- Bathycoelia distincta* Distant 1878 Ent. Mo. Mag. XIV. 247;
 Waterhouse 1880 Aid ident. ins. Pls. VI a. VII.

W. Africa (Isubu)
 [= ?].

4 *madagascariensis*

- Bathycoelia madagascariensis* Reuter 1887 Ent. Tijdschr.
 VIII. 88.

Madagascar.

5 *malachitica*

- Bathycoelia malachitica* Horváth 1904 Ann. Mus. Hung. II. 268.

St. Thome Isl. (off
 Guinea).

6 *nesophila*

- Bathycoelia nesophila* Horváth 1904 l. c.

St. Thome Isl.

7 *ovalis*

- Bathycoelia ovalis* Stål 1865 l. c.

Guinea.

8 *praelongirostris*

- Bathycoelia praelongirostris* Bergroth 1893 Rev. Ent. XII. 200.

Séchelles.

9 *thalassina*

- Gastraulax thalassinus* H-S. 1844 Wanz. VII. 62, f. 731.
Bathycoelia thalassina Stål 1865 l. c.; and 1876 Svensk.
 Vet. Handl. 14. no. 4. p. 101.

Guinea; Kamerun.

- §§ Schouteden 1906 Z. Wiss. Insektenbiol. II. 82—88, figs.
 1—9 (o—a).

Gastraulax.

- Gastraulax* H-S. 1844 Wanz. VII. 61 (type *torquatus*).
Jurtina Stål 1867 O. V. A. F. XXIV. 518; and 1876 Svensk. Vet. Handl. 14. no. 4.
 p. 101 (type *longirostris*).

1 *bifoveolatus*

- Jurtina bifoveolata* Reuter 1887 Ent. Tijdschr. VIII. 88.

Madagascar.

- 2 **bipunctulus** Réunion.
Jurtina bipunctula Stål 1876 l. c.
- 3 **chlorospilus** Aru.
Bathycoelia chlorospila Walker 1867 Cat. Het. II. 350.
- 4 **indicus** India.
Bathycoelia indica Dallas 1851 List 270; W. F. Kirby 1891 J. Linn. S. London, Zool. XXIV. 85, Pl. IV. f. 15.
Jurtina do. Distant 1902 Faun. Ind. Rh. I. 224, f. 141.
- 5 **longirostris** Art; New Caledonia.
Bathycoelia longirostris Montrouzier 1861 A. S. E. France (4) I. 65.
Jurtina do. Stål 1876 l. c.; Schouteden 1907 A. S. E. Belg. LI. 112.
- 6 **torquatus** Philippines (Luzon).
Gastraulax torquatus H-S. 1844 l. c., f. 730.

Amblycara.

- || *Abeona* Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 67 (type *gladiatoria*).
Amblycara Bergroth 1891 Rev. Ent. X. 214 (new name)
- 1 **gladiatoria** "E. India"; Ceylon.
Abeona gladiatoria Stål 1876 op. cit. 102. *Islandia*
Amblycara do. Distant 1902 Faun. Ind. Rh. I. 217, f. 137.

Myota.

- Myota* Spinola 1850 Mem. Soc. Ital. Mod. XXV. 32 and sep. 70 (type *buquetii* = *acrea*).
Aegius Dallas 1851 List 196 a. 268; Stål 1867 O. V. A. F. XXIV. 531 (type *acrea*).
- 1 **acrea** Brazil.
Cimex aerus H-S. 1841 Wanz. VI. 69, f. 635.
Myota buquetii Spinola 1850 op. cit. sep. 72.
Aegius aerus Dallas 1851 List, Pl. IX. f. 4.

Placocoris.

- Mayr 1864 Verh. zool. bot. Wien. XIV. 913; and 1866 Novara Exp. Zool. II. (2) 70 (type *viridis*).
- 1 **viridis** Brazil.
Placocoris viridis Mayr 1864 Verh. cit. 914; and Novara 73, f. 13.

Tibilis.

- Stål 1860 Svensk. Vet. Handl. 2. no. 7. p. 26; and 1867 O. V. A. F. XXIV. 531 (type *subconspersa*).
- 1 **glabriuscula** Ecuador.
Tibilis glabriuscula Breddin 1903 Sitzber. Ges. Nat. Fr. Berlin 371.
- 2 **obsoleta** Brazil.
Edessa obsoleta H-S. 1838 Wanz. IV. 82, f. 413.
- 3 **scabriuscula** Bolivia.
Tibilis scabriuscula Breddin 1903 op. cit. 370.
- 4 **subconspersa** Brazil.
Tibilis subconspersa Stål 1860 Svensk. Vet. Handl. 2. no. 7. p. 27.

Serdia.

- Serdia* Stål 1860 op. cit. p. 25; and 1872 op. cit. 10. no. 4. f. 45; and 1867 O. V. A. F. XXIV. 531 (type *apicicornis*).
 subgen. (b) **Brasillicola** nov. (= *aa.* Stål 1872) (type *calligera*).

(a) subgen. typ.

- 1 **apicicornis** *Serdia apicicornis* Stål 1860 Svensk. cit. 2. no. 7. p. 75; and 1872 op. cit. 10. no. 4. p. 45. Brazil.
- 2 **inspersipes** *Serdia inspersipes* Stål 1860 Svensk Vet. Handl. 2. no. 7. p. 26; and 1872 op. cit. 10. no. 4. p. 45. Brazil.
- 3 **limbatipennis** *Serdia limbatipennis* Stål 1860 op. cit. 2. no. 7. p. 26; and 1872 op. cit. 10. no. 4. p. 45. Brazil.

(b) subgen. Brasillicola.

- 4 **calligera** *Serdia calligera* Stål 1860 op. cit. 2. no. 7. p. 26; and 1872 op. cit. 10. no. 4. p. 46. Brazil.

Phineus.

Stål 1862 Stett. E. Z. XXIII. 97; and 1867 O. V. A. F. XXIV. 530 (type *fuscopunctatus*).

- 1 **fuscopunctatus** *Phineus fuscopunctatus* Stål 1862 Stett. E. Z. XXIII. 97; Distant 1880 B. C. A. Het. I, Pl. 7. f. 8. Mexico.

Modicia.

Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 46 (type *sexlineata*).

- 1 **sexlineata** *Modicia sexlineata* Stål 1872 l. c. Cuba.

Ocirrhoë.

Stål 1867 O. V. A. F. XXIV. 521; 1870 op. cit. XXVII. 637 (type *inconspicua*).

- 1 **australis** *Rhynchocoris australis* [Westwood] 1837 Cat. Hope I. 30. "Australia."
- 2 **inconspicua** *Cuspicona inconspicua* Dallas 1851 List 297. "Australia."
- 3 **lutescens** *Ocirrhoë lutescens* Distant 1900 A. M. N. H. (7) V. 422. W. Australia (King George's Sound).
- 4 **privata** *Cuspicona privata* Walker 1867 Cat. Het. II. 382. New Hebrides.
- 5 **roei** *Rhynchocoris roei* [Westwood] 1837 op. cit. 30. W. Australia.
- Ocirrhoë do.* Distant 1900 P. Z. S. London 815, Pl. 52. f. 12.
- 6? **virescens** *Raphigaster virescens* [Westwood] 1837 op. cit. 31. "Australia."
- Ocirrhoë? do.* Distant 1900 l. c., Pl. 53. f. 7.
- 7 **unimaculata** *Rhynchocoris unimaculata* [Westwood] 1837 op. cit. 29. "Australia."
- Cuspicona fasciata* Dallas 1851 List 297, Pl. 10. f. 3.
- Ocirrhoë unimaculata* Distant 1900 A. M. N. H. (7) V. 422.

Diaphyta.

|| *Periboea* Stål 1867 O. V. A. F. XXIV. 521; and 1871 op. cit. XXVII. 637 (type *pulchella* [! laps. cal.] = *pulchra*).

Diaphyta Bergroth 1891 Rev. Ent. X. 214 (new name).

- 1 **fulvescens** *Cuspicona fulvescens* Dallas 1851 List 299. S. Australia.
- C. longiceps* Walker 1867 Cat. Het. II. 388.
- Periboea fulvescens* Distant 1900 l. c.

2 **pulehra***Cuspicona pulchra* Dallas 1851 op. cit. 298.*Periboea* do. Distant 1900 l. c.

"Australia."

Cuspicona.*Cuspicona*Dallas 1851 List 197 a. 296; Stål 1867 O. V. A. F. XXIV. 521; 1870 op. cit. XXVIII. 637; and 1876 Svensk. Vet. Handl. 14. no. 4. p. 102 (type *thoracica*!)

Waigiu Isl.

1 **ampla***Cuspicona ampla* Walker 1867 Cat. Het. II. 381.2 **antica***Cuspicona antica* Vollenhoven 1868 Versl. Ak. Nat. Amst. (2) II. 188.

India; Malay Pen.

3 **beutenmülleri***Cuspicona beutenmülleri* Van Duzee 1905 Bull. Amer. Mus. XXI. 208, Pl. 8. f. 10.

Victoria.

4 **carneola***Cuspicona carneola* Van Duzee 1905 op. cit. 207, Pl. 8. f. 9.

New South Wales.

5 **curtispina***Hoffmanseggella curtispina* Stål 1861 Stett. E. Z. XXII. 144.

Java.

6 **forticornis***Cuspicona forticornis* Breddin 1900 Ent. Nachr. XXVI. 29, f. 2; Froggatt 1902 Agr. Gaz. N. S. W. XIII. 320, Pl. 2. f. 17; and 1907 Austral. Ins., Pl. 32. f. 2.

New South Wales.

7 **intacta***Cuspicona intacta* Walker 1868 Cat. Het. III. 571.

"Australia."

8 **jaksoniensis***Pentatoma jaksoniensis* Guérin 1838 Voy. Coq., Zool. II. 167, Pl. 11, f. 12.

New South Wales.

9 **laminata***Cuspicona laminata* Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 102.

New Caledonia; Lifu.

10 **lateralis***Cuspicona lateralis* Walker 1867 op. cit. II. 383.

Java.

11 **nigra***Cuspicona nigra* Breddin 1901 Abh. Ges. Nat. Halle XXIV. 56, Pl. 1. f. 2.

Celebes.

12 **prasinata***Cuspicona prasinata* Stål 1859 Eugenie's Resa, Ins. 231.

New South Wales.

13 **recurvicornis***Cuspicona recurvicornis* Breddin 1900 Ent. Nachr. XXVI. 28. f. 1.

New South Wales.

14 **rufispina***Cuspicona rufispina* Stål 1870 O. V. A. F. XXVII. 636.

Philippines.

15 **simplex***Cuspicona simplex* Walker 1867 op. cit. 388; Froggatt 1901 Agr. Gaz. N. S. W. XII. 5, Pl. f. 8; and 1907 Austral. Ins. 329, Pl. 31. f. 8. 1596N.S. Wales
Queensland; New South Wales.? *C. virescens* Tryon 1889 Rep. Ins. Pests Queensland 189.
Foodplants: *Solanum nigrum*; Potato.

S. Australia

16 **strenuella***Cuspicona strenuella* Walker 1868 op. cit. III. 572.

—?

17 **thoracica***Rhynchocoris thoracica* [Westwood] 1837 Cat. Hope I. 30.New South Wales;
Victoria.*Cuspicona xanthochlora* Walker 1867 op. cit. II. 389.*C. thoracica* Van Duzee 1905 op. cit. 208; Froggatt 1907 op. cit. 330.

- 18 **uninotata**
Cuspicona uninotata Walker 1868 op. cit. III. 571. "Australia."
- 19 **virescens**
Cuspicona virescens Dallas 1851 List 296; Breddin 1900 Stett. E. Z. LXI. 325. Java; Sumatra.
- 20 **zeloma** nom. nov.
Pentatoma viride Montrouzier 1855 A. S. Agr. Lyon. (2) VII. 93. New Caledonia;
Cuspicona viridis Stål 1866 Berlin. E. Z. X. 156. Muna; Lifu.

Morna.

Stål 1867 O. V. A. F. XXIV. 521; and 1870 op. cit. XXVII. 637 (type *cornuta* = *florens*).

- 1 **aggressor**
Cimex aggressor Fabricius 1775 Syst. Ent. 706. "Australia."
Cuspicona leucospila Walker 1867 Cat. Het. II. 387.
- 2 **florens**
Cuspicona florens Walker 1867 op. cit. 389. Queensland.
Morna cornuta Haglund 1868 Stett. E. Z. XXIX. 158.

Avicenna.

Avicenna Distant 1900 P. Z. S. London 815 (type *inquinata*).
Avicenna Van Duzee 1905 Bull. Amer. Mus. XXI. 209 (laps. cal.).

- 1 **inquinata**
Rhynchocoris inquinata [Westwood] 1837 Cat. Hope I. 29. New South Wales.
Avicenna do. Distant 1900 l. c., Pl. 53. f. 1.
Avicenna do. Van Duzee 1905 l. c.

Pugione.

Stål 1867-O. V. A. F. XXIV. 521; and 1870 op. cit. XXVII. 637 (type *flavescens*).

- 1 **flavescens**
Pugione flavescens Haglund 1868 l. c. Waigiu Isl.

Rhynchocoris.

[Westwood] 1837 Cat. Hope I. 29; Dallas 1851 List 198; Stål 1867 op. cit. XXIV. 521; and 1870 op. cit. XXVII. 637; and 1876 Svensk. Vet. Handl. 14. no. 4. p. 103 (type *hamatus* = *humeralis*).

- 1 **alatus**
Rhynchocoris alatus Distant 1900 T. E. S. London 172, Pl. 2. f. 12; and 1902 Faun. Ind. Rh. I. 213. Assam.
- 2 **brevirostris**
Rhynchocoris brevirostris Stål 1870 O. V. A. F. XXVII. 635. Philippines.
- 3 **humeralis**
 — — Stoll Pun. f. 135 and f. 186. India; Assam; Burma;
Cimex humeralis Thunberg 1783 Nov. ins. sp. II. 40, Pl. 2. f. 54. Siam. *Java*
C. hamatus Fabricius 1787 Mant. Ins. II. 286.
Rhynchocoris humeralis Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 104; Distant 1902 Faun. Ind. Rh. I. 212, f. 133.
- 4 **longirostris**
Rhynchocoris longirostris Stål 1870 O. V. A. F. XXVII. 634. Philippines.
- 5 **margininotatus**
Rhynchocoris margininotatus Breddin 1900 Stett. E. Z. LXI. 325. Sumatra.
- 6 **nigridens**
Rhynchocoris nigridens Stål 1870 op. cit. 635. Philippines; S. China.
- 7 **patulus**
Rhynchocoris patulus Breddin 1904 Wien. E. Z. XXIII. 11. Java.

- 8 **plagiatus** S. India; Ceylon.
Cuspicona plagiata Walker 1867 Cat. Het. II. 379.
Rhynchocoris taprobanensis Bergroth 1891 Rev. Ent. X. 211.
R. plagiatus Distant 1900 A. M. N. H. (7) V. 423; and 1902
 Faun. Ind. Rh. I. 213.
- 9 **poseidon** nom. nov. India (Malabar); Malacca; Borneo; Sumatra; Java; Philippines.
 — Stoll Pun. f. 3.
 || *Cimex serratus* Donovan 1800 Ins. Ind., Hem. Pl. 8. f. 2.
Rhynchocoris do. Amyot et Serville 1843 Hém. 152, Pl. 3.
 f. 2; Distant 1902 l. c.

Vitellus.

- Stål 1865 A. S. E. France (4) V. 170; 1867 O. V. A. F. XXIV. 522; and 1870 op. cit. XXVII. 637; and 1876 Svensk. Vet. Handl. 14. no. 4. p. 104 (type *insularis*).
- 1 **antenna** Queensland; New South Wales.
Vitellus antenna Breddin 1900 Ent. Nachr. XXVI. 33.
- 2 **auricornis** Queensland.
Cuspicona auricornis Walker 1867 Cat. Het. II. 387.
- 3 **australis** Art; Lifu; N. Caledonia.
Rhyncocoris (!) australe Montrouzier et Signoret 1861 A. S. E. France (4) I. 65.
Vitellus australis Stål 1865 A. S. E. France (4) V. 171.
- 4 **forficuloides** New Hebrides (?).
Cuspicona forficuloides Walker 1867 Cat. Het. II. 379.
- 5 **germarii** Amboina.
Pentatoma germarii Guérin 1838 Voy. Coquille, Zool. II. 167, Pl. 11. f. 11.
Cuspicona eltio Vollenhoven 1868 Versl. Ak. Nat. Amst. (2) II. 188.
Vitellus germarii Stål 1876 Svensk. op. cit. 105.
- 6 **insularis** Fiji.
Vitellus insularis Stål 1865 A. S. E. France (4) V. 170.
- 7 **mucronatus** "N." and W. Australia.
Vitellus mucronatus Stål 1865 op. cit. 171; 1876 Svensk. l. c.
- 8 **orientalis** S. India.
Vitellus orientalis Distant 1900 T. E. S. London 172, Pl. 2. f. 11; and 1902 Faun. Ind. Rh. I. 214, f. 134.
- 9 **propinquus** Celebes.
Cuspicona propinqua Walker 1867 op. cit. II. 383.
- 10 **proteus** nom. nov. Ke Isl.; Ceram.
 || *Cuspicona proxima* Walker 1868 op. cit. III. 570.
- 11 **pugionatus** Aru; Waigiu.
Vitellus pugionatus Stål 1865 A. S. E. France (4) V. 171; and 1876 Svensk. l. c.
Cuspicona basimaculata Vollenhoven 1868 l. c.
- 12 **pungens** Murua.
Rhyncocoris (!) pungens Montrouzier 1861 A. S. E. France (4) I. 66.
Vitellus do. Stål 1865 A. S. E. France (4) V. 172; and 1876 Svensk. op. cit. 104.
- 13 **rufolinea** Queensland.
Cuspicona rufolinea Walker 1867 op. cit. II. 390.
- 14 **strenuus** Celebes.
Cuspicona strenua Walker 1868 Cat. Het. III. 570.
- 15 **transversus** Aru; Waigiu; Ceram.
Cuspicona transversa Walker 1867 op. cit. II. 385.

Utana.Distant 1900 A. M. N. H. (7) V. 423 (type *suprema*).**1 *suprema****Cuspicona suprema* Walker 1867 op. cit. 380.

Borneo.

Biprorulus.Breddin 1900 Ent. Nachr. XXVI. 30 (type *bibax*).**1 *bibax****Biprorulus bibax* Breddin op. cit. 31; Froggatt 1901 Agr. Gaz.

N. S. W. XII. 5, Pl. f. 1; and 1907 Austral. Ins. 330,

Pl. 31. f. 1. 1596

Birorulus do. Van Duzee 1905 Bull. Amer. Mus. XXI. 209,

Pl. 8. f. 11 (laps. cal.).

† *Rhynchocorus sp.?* Ins. and fung. dis. Fruit trees N. S. W. 1899.Foodplant: *Citrus aurantium*.

New South Wales.

Hoffmanseggiella.Spinola 1850 Mem. Soc. Ital. Modena XXV. 34; Stål 1867 O. V. A. F. XXIV. 522; and 1870 op. cit. XXVII. 637 (type *frenata*).**1 *defensor****Cimex defensor* Fabricius 1775 Syst. Ent. 706.*Cuspicona vigens* Walker 1867 op. cit. II. 385.*Hoffmanseggiella defensor* Distant 1900 A. M. N. H. (7) V. 424.

Lizard Isl. (off N.

Queensland);

"Australia." 1) *B. new Guinea***2 *frenata****Hoffmanseggiella frenata* Spinola 1850 op. cit. 123; Stål 1876

Svensk. op. cit. 104.

Java.

3 *hamata**Cuspicona hamata* Walker 1867 op. cit. 383.*C. contraria* Walker 1867 op. cit. 384.

Papua; Celebes.

Iphiarusa.Breddin 1904 Wien. E. Z. XXIII. 12 (type *aratrix*).**1 *aratrix****Iphiarusa aratrix* Breddin op. cit. 13.

Tonking.

Pegala.Stål 1867 O. V. A. F. XXIV. 522; and 1870 op. cit. XXVII. 637 (type *biguttula*).**1 *biguttula****Pegala biguttula* Haglund 1868 Stett. E. Z. XXIX. 159.

Fiji.

2 *laevis**Pegala laevis* Bergroth 1894 Rev. Ent. XIII. 152.

New Caledonia.

3 *lutea**Acanthosoma lutea* Le Guillou 1841 Rev. Zool. 262.

Tonga Isl.

4 *metaphaea**Cuspicona metaphaea* Walker 1867 op. cit. II. 381.

Meisol.

Holcogaster.*Holcogaster* Fieber 1860 Eur. Hem. 80; Puton 1881 Syn. Hém. France II. 52 (type *fibulata*).*Aulacetrus* Mulsant et Rey 1866 A. S. Linn. Lyon (2) XIV. 113 (same type).**1 *fibulata****Cimex fibulatus* Germar (?) Faun. Ins. Eur. 14.

Greece; Algeria; Tunis.

1) Fabricius' locality is "New Holland", Walker's "Lizard Isle". Of the latter there are two, one off N. Queensland, the other is a name of Huéguence, an islet just off New Caledonia.

- Holcogaster fibulatus* Fieber 1861 op. cit. 337; Puton 1881 op. cit. 67.
Aulacetrus do. Mulsant et Rey 1867 op. cit., Pl. 2. f. 12.
 var. (b) *exilis*
Holcogaster fibulata var. *exilis* Horváth 1903 Ann. Mus. Hung. I. 406.
 Foodplant: *Juniperus*.

Priassus.

- Stål 1867 O. V. A. F. XXIV. 518 (type *spiniger*).
 1 *excoffieri* China (Yunnan).
Priassus excoffieri J. Martin 1902 Bull. Mus. Paris VIII. 334, f. 2.
 2 *exemptus* Assam; Burma; Tenasserim.
Prionaca exempta Walker 1868 Cat. Het. III. 569.
Priassus carinatus Horváth 1889 Termész. füzet. XII. 32.
P. exemptus Distant 1902 Faun. Ind. Rh. I. 206, f. 128.
 3 *spiniger* Assam; Burma; Sumatra; Java.
Priassus spiniger Haglund 1868 op. cit. 160; Distant 1902 op. cit. 205.

Degonetus.

- Distant 1902 Faun. Ind. Rh. I. 203 a. 208 (type *serratus*).
 1 *serratus* India (Bombay).
Abeona ? serrata Distant 1887 T. E. S. London 350.
Degonetus serratus Distant 1902 Faun. Ind. 209, f. 131.

Pentatoma¹⁾.

- Pentatoma* Olivier 1789 Enc. Méth. IV. 25; Lamarek 1801 Syst. An. sans vert. 293 (type *rufipes*).
Tropicoris Hahn 1834 Wanz. II. 52; Stål 1867 O. V. A. F. XXIV. 518; and 1876 Svensk. Vet. Handl. 14. no. 4. p. 105 (same type).
Tropidocoris T. A. Marshall 1868 Ent. Mo. Mag. IV. 281 ("emend.")
 1 *armandi* China (Pekin).
 † *Tropidocoris armandi* G. Fallou 1881 Le Naturaliste 340.
 2 *davidi* China (Pekin).
Tropicoris davidi Signoret 1880 B. S. E. France (6) X. p. XXXV.
 3 *illuminata* China (Chang Yang).
Tropicoris illuminatus Distant 1890 Entom. XXIII. 159.
 4 *japonica* Japan; E. Siberia.
Tropicoris japonicus Distant 1882 Ent. Mo. Mag. XIX. 76.
 5 *laeviventris* "India orientalis."
Tropicoris laeviventris Stål 1876 l. c.; Distant 1902 Faun. Rh. I. 205, f. 127.
 6 *metallifera* E. Siberia [? Japan].
Tropicoris metalliferus Motschulsky 1859 Bull. S. N. Moscou 501.
T. basnini Oshanin 1870 Bull. S. N. Moscou XLIII. 128.
T. metallifer Stål 1876 op. cit. 106; Distant 1881 A. M. N. H. (5) VIII. 28.
 7 *nigricornis* S. Russia.
Tropicoris nigricornis Reuter 1879 Oefv. Finsk. Förh. XXI. 30.
 8 *punctipes* Sikkim.
Tropicoris punctipes Stål 1876 l. c.; Distant 1902 Faun. Ind. Rh. I. 204, f. 126.
Compastes truncatus Distant 1887 T. E. S. London 351, Pl. 12. f. 10.

¹⁾ Lethierry and Severin (p. 183) improperly include in this genus, a "*rugosus* Motsch". This is a *Eurydema*.

9 *rufipes*

Cimex rufipes Linneus 1758 Syst. Nat. (Ed. X) 443; Wolff 1800 Ic. Cim. 9, Pl. 1. f. 9; Amyot et Serville 1843 Hém. 149; Flor. 1860 Arch. Nat. Livland (2) III. 107.

C. notatus Poda 1761 Ins. Mus. Grec. 56.

† *C. rufipes* Preyßler 1793 Mayer Samml. Phys. Aufß. III. 344.

Pentatoma viridiaenea Palisot de Beauvois 1805 Ins. Afr. Amér.

Tropicoris rufipes Hahn 1834 Wanz. II. 54, f. 145; Fieber 1861 Eur. Hem. 330; Douglas and Scott 1865 Brit. Hem. 98, Pl. 3. f. 8; Stål 1876 l. c.; Puton 1881 Syn. Hém. France II. 67; Fairmaire 1884 Deyrolle's H. N. France XI, Pl. 2. f. 5; Saunders 1892 Hem. Het. Brit. Isl. 32, Pl. 3. f. 5.

Pentatoma do. Brullé 1835 Ins. IX. 397, Pl. 31. f. 2; Westwood (1839?) Intr. Class. Ins. II. 485, f. 122. nos. 1—6; Blanchard 1840 Hist. Ins. 150, Pl. 6. f. 7.

var. (b) *moesta*

Tropicoris rufipes var. *moesta* Reuter 1881 Berl. E. Z. XXV. 156.

§§ Westwood (1839?) Intr. II. 486, f. 122. nos. 11—12 (n.).

§§ Leuckart 1855 Müller's Arch. 143, Pl. 8. f. 9 (embr.).

§§ Wedde 1885 Wiegman's Archiv. 113 etc., Pl. 7. f. 9 (mouth parts).

Foodplants: *Alnus*; *Fraxinus*; *Sorbus aucuparia*; *Betula*.

Predaceous! (de Geer).

10 *semiannulata*

Tropicoris semiannulatus Motshulsky 1859 l. c.; Stål 1876 l. c.

Siberia.

Agathocles.

Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 69 (type *limbatus*).

1 *limbatus*

Agathocles limbatus Stål 1876 op. cit. 106; Distant 1902 Faun. Ind. Rh. I. 199. f. 121.

Assam.

Fernelius.

Distant 1900 T. E. S. London 173; and 1902 Faun. Ind. Rh. I. 197 (type *indicus*).

1 *indicus*

Fernelius indicus Distant 1900 T. E. S. London 173; and 1902 Faun. 198, f. 120.

Sikhim; Burma.

Sennertus.

Distant 1901 T. E. S. London 110; and 1902 Faun. Ind. Rh. I. 145 (type *typicus*).

1 *typicus*

Sennertus typicus Distant 1901 T. E. S. London 111; and 1902 Faun. 146, f. 86.

Burma.

Amyntor.

Amyntor Stål 1867 O. V. A. F. XXIV. 519; and 1876 Svensk. Vet. Handl. 14. no. 4. p. 69 (type *obscurus*). — [Oct.]

Bolaca Walker 1867 Cat. Het. II. 251 (type *unicolor* = *obscurus*). — [Oct.]

Oestopis Distant 1879 A. M. N. H. (5) III. 48 (type *terra* = *obscurus*).

1 *obscurus*

Halys obscura Dallas 1849 T. E. S. London V. 188, Pl. 19. f. 3.

Bolaca unicolor Walker 1867 l. c.

Oestopis terra Distant 1879 l. c. 49.

Amyntor obscurus Distant 1902 Faun. Ind. Rh. I. 144, f. 85.

India; Assam; China (West Yunnan).

2 *pallidus*

Amyntor pallidus Breddin 1900 Stett. E. Z. LXI. 328.

Sumatra.

Compastes.¹⁾Stål 1867 O. V. A. F. XXIV. 519 (type *boutanicus*).

- 1 **boutanicus** India; Burma.
Cimex? boutanicus Dallas 1849 op. cit. 190, Pl. 19. f. 4.
Compastes bhutanicus (!) Distant 1902 op. cit. 200, f. 123.
- 2 **exstimulatus** Assam.
Compastes exstimulatus Distant 1902 op. cit. 201,
- 3 **spinosus** Sikkim.
Compastes spinosus Distant 1887 T. E. S. London 351, Pl. 12.
 f. 11; and 1902 Faun. Ind. Rh. I. 201.

Homalogonia.Jakovlev 1876 Bull. S. N. Moscou L. 89 (type *maculata*).

- 1 **obtusa** N. India; N. W. China;
Pentatoma obtusa Walker 1868 Cat. Het. III. 560. Siberia; Japan.
Homalogonia maculata Jakovlev op. cit. 90.
Compastes obtusa Distant 1881 A. M. N. H. (5) VIII. 28.
C. minor Atkinson 1889 J. A. S. Bengal LVII. (2) 344.
Homalogonia obtusa Distant 1902 Faun. Ind. Rh. I. 202, f. 125.

Leovitius.Distant 1900 A. M. N. H. (7) V. 425; and 1902 Faun. Ind. Rh. I. 215 (type *macracanthus*).

- 1 **macracanthus** N. India.
Rhaphigaster? macracanthus Dallas 1851 List 289.
Leovitius do. Distant 1902 l. c., f. 135.

Exithemus.Distant 1902 Faun. Ind. Rh. I. 196 a. 199 (type *assamensis*).

- 1 **assamensis** N. India.
Exithemus assamensis Distant 1902 op. cit. 199, f. 122.
- 2 **mausonicus** Tongkin.
Exithemus mausonicus Breddin 1904 Wien. E. Z. XXIII. 6.

Araducta.Walker 1867 Cat. Het. II. 408; Distant 1900 A. M. N. H. (7) V. 426 (type *glabrata*).

- 1 **glabrata** Papua; Aru.
Araducta glabrata Walker l. c.
- 2 **malayana** Malay Pen.
Araducta malayana Distant 1900 op. cit. 428.

Lelia.*Rhaphigaster* subg. || *Prionochilus* Dallas 1849 T. E. S. London V. 191 (type *octopunctatus*).*Lelia* Walker 1867 Cat. Het. II. 406 (type *porrigens* = *decempunctatus*).|| *Renardia* Jakovlev 1876 Bull. S. N. Moscou L. 99 (type *decempunctatus*).

- 1 **10-punctata** E. Siberia; Japan.
Tropicoris 10 punctatus Motshulsky 1859 Bull. Moscou XXXII. 501.
Lelia porrigens Walker 1867 op. cit. 407.
Renardia decempunctata Jakovlev 1876 op. cit. 101.
- 2 **octopunctata** Assam.
Rhaphigaster 8-punctatus Dallas 1849 op. cit. 192, Pl. 19. f. 5.
Lelia octopunctata Distant 1902 Faun. Ind. Rh. I. 207, f. 129.

¹⁾ This is exceptional among this tribe in having bisegmentate tarsi.

Prionaca.

Dallas 1851 List 196 a. 291; Distant 1902 op. cit. 207 (type *lata*).

- 1 **burmanica**
Prionaca burmanica Distant 1902 op. cit. 208. Assam; Burma.
- 2 **lata**
Prionaca lata Dallas 1851 op. cit. 291; Distant 1902 l. c., f. 130. N. India; Assam; Java.
- 3 **tortuosa**
Prionaca tortuosa Walker 1867 Cat. Het. II. 375; Distant 1900 A. M. N. H. (7) V. 426. Sumatra; Borneo.
P. tauricornis Walker 1867 l. c.

Prionocompastes.

† Breddin 1900 Deutsch. E. Z. 165 (type *salebrosus*).

- 1 **nigriventris**
Prionocompastes nigriventris Breddin 1901 Abh. Ges. Nat. Celebes.
Halle XXIV. 57.
- 2 **salebrosus**
Prionocompastes salebrosus Breddin 1900 Deutsch. E. Z. 166. Java.
- 3 **vicarians**
Prionocompastes vicarians Breddin 1904 Wien. E. Z. XXIII. 14. Java.

Placosternum.

Placosternum Amyot et Serville 1843 Hém. 174; Stål 1867 O. V. A. F. XXIV. 519; and 1876 Svensk. Vet. Handl. 14. no. 4. p. 107 (type *taurus*).

Placosternum (!) Spinola 1850 Mem. Soc. Ital. Modena XXV. 32 (sep.).

- 1 **alces**
Placosternum alces Stål 1876 op. cit. 107; Distant 1902 Faun. India; Ceylon.
Ind. I. 210.
Foodplant: *Ficus bengalensis*.
- 2 **bison**
Placosternum bison Vollenhoven 1868 Versl. Ak. Amst. Nat. Morotai Isl.
- 2 a. ~~bos~~ (2) II. 188.
3 **cervus**
Placosternum cervus Distant 1887 T. E. S. London 352; and Assam.
1902 Faun. Ind. Rh. I. 210.
- 4 **dama**
Cimex dama Fabricius 1794 Ent. Syst. IV. 92; Wolff 1800 India; Assam; Cochin
Icon. Cim. 6, Pl. 1. f. 6. *tem. Fabr.*
Placosternum do. Stål 1868 Svensk. Vet. Handl. 7. no. 11. p. 34;
and 1876 op. cit. 14. no. 4. p. 107; Distant 1902 op.
cit. 211.
- 4 a. ~~ficaria~~
5 **obtusum** Dist. 1918
Placosternum obtusum Montandon 1894 A. S. E. Belg. XXXVIII. India (Mysore).
633; Distant 1902 l. c.
- 6 **taurus**
Cimex taurus Fabricius 1781 Spec. Ins. II. 344. N. India; Assam; Bur-
Placosternum do. Amyot et Serville 1843 Hém. 174; H-S. 1851 ma; Siam; Cochin
Wanz. IX. 305, f. 1002; Stål 1876 l. c.; Distant 1902 China: Malacca.
op. cit. 210, f. 132. P. 188. 6. 94.
- 7 **urus** ~~Jan 1850 1929~~
Placosternum urus Stål 1876 l. c.; Distant l. c. Assam; Ceylon.
Yunnan

Amasenus.

Stål 1863 T. E. S. London (3) I. 601; 1867 O. V. A. F. XXIV. 519 (type *corticalis*).

- 1 **corticalis**
Amasenus corticalis Stål 1863 T. E. S. London 602; Distant 1902 op. cit. 202, f. 124. Assam; Malacca.

Taurocerus.

Taurocerus Amyot et Serville 1843 Hém. 151; Stål 1867 O. V. A. F. XXIV. 531 (type *edessoides* = *achilles*).

Tausocerus (!) Spinola 1850 Mem. soc. ital. Mod. XXV. 34.

Canoca Walker 1867 Cat. Het. II. 404 (type *abrupta*).

1 abruptus

Canoca abrupta Walker 1868 Cat. Het. II. 404.

Guatemala.

2 achilles

Taurocerus edessoides Amyot et Serville 1843 Hém. 151 (not Spinola).

Mexico; N. Brazil.

T. achilles Stål 1862 Stett. E. Z. XXIII. 108; Distant 1880

B. C. A. Het. I. 81, Pl. 7. f. 24.

T. divergens Walker 1867 Cat. Het. II. 392.

3 edessoides

Arvelius edessoides Spinola 1837 Essai 347.

Taurocerus hector Stål 1862 l. c.; and 1872 Svensk. Vet. Handl. 10. no. 4. p. 47

Mexico; Guatemala;
Panama; Colombia;
Br. Guiana; N. Brazil.

T. edessoides Distant 1880 op. cit. 82, Pl. 7. fig. 25.

Arvelius.

Spinola 1837 Essai 344; Amyot et Serville 1843 Hém. 150; Stål 1867 O. V. A. F. XXIV. 531 (type *gladiator* = *albopunctatus*).

1 albopunctatus

— Stoll Pun. f. 12.

Cimex albopunctatus de Geer 1773 Mém. 331, Pl. 34. f. 6.

C. gladiator Fabricius 1775 Syst. Ent. 705; and 1803 Syst. Rh. 162.

C. leucostictos Gmelin 1789 Syst. Nat. (Ed. XIII.) 2148.

Pentatoma gladiator Palisot 1805 Ins., Afr. Amér. 127, Hém. Pl. IX. f. 1.

Acanthosoma luteicornis [Westwood] 1837 Cat. Hope I. 30.

Arvelius gladiator Spinola 1837 op. cit. 346; H-S. 1840 Wanz. V. 104, figs. 557—58.

A. albopunctatus Distant 1880 op. cit. 82; Van Duzee 1904 T. Amer. E. S. XXX. 61.

Arizona; Florida; California; Texas; Mexico; Cuba; Hispaniola; Jamaica; St. Vincent; Colombia; Br. Guiana; Trinidad; Venezuela; Brazil; Bolivia; Argentine.

Brepholoxa.

Van Duzee 1904 op. cit. 78 (type *heidemanni*).

1 heidemanni

Brepholoxa heidemanni Van Duzee l. c.

Florida.

Platencha.

Spinola 1850 Mem. soc. ital. Mod. XXV. 34 a. sep. 83 (no type).¹⁾

Evoplitus.

Evoplitus Amyot et Serville 1843 Hém. 153 (type *laciniatus* = *humeralis*).

Euoplites (!) Stål 1867 O. V. A. F. XXIV. 532.

1 humeralis

Brazil.

Halys humeralis [Westwood] 1837 Cat. Hope I. 21.

Arvelius laciniatus Spinola 1837 Essai 347; H-S. 1840 Wanz. V. 103, figs. 555—56.

Evoplitus do. Amyot et Serville 1843 Hém. 153.

¹⁾ A pencil note in my copy, in, I think, Signoret's writing, says "ressemble à un *Edessa*. mais a une carène sternale comme les *Evoplitus*."

Pharnus.

Stål 1867 O. V. A. F. XXIV. 530 (type *variegatus* = *insulicola*).

1 **inconspicuus**

Cuba.

Edessa inconspicua H.-S. 1840 op. cit. 102, f. 553.

Pharnus inconspicuus Stål 1872 Svensk. Vet. Handl. 10.
no. 4. p. 47.

2 **insulicola** nom. nov.

Cuba.

|| *Pentatoma variegata* Guérin 1857 Sagra Cuba, Ins. 535, 31

Pharnus variegatus Stål 1872 l. c.

Phalaecus.

Stål 1862 Stett. F. Z. XXII. 93; and 1872 Svensk. Vet. Handl. 10. no. 4. p. 47
(type *pustulatus*).

1 **decoratus**

Mexico; Guatemala;

Phalaecus decoratus Distant 1880 B. C. A. Het. I. 83, Pl. 7.
f. 9. Br. Honduras.

2 **pustulatus**

— ? [? Dutch Guiana.

Cimex pustulatus de Geer 1773 Mém. III. 329, Pl. 34. f. 2.

sec. Stål; "India"

Macropygium flavopustulatum Stål 1855 O. V. A. F. XII. 182.

sec. de Geer].

Lopadusa.

Stål 1860 Svensk. Vet. Handl. 2. no. 7. p. 25; 1867 O. V. A. F. XXIV. 531 (type
augur).

1 **augur**

Brazil.

Lopadusa augur Stål 1860 Svensk. l. c.

Dendrocoris.

|| *Liotropis* Uhler 1877 Bull. U. S. Geol. Surv. III. 399; Van Duzee 1904 T. Amer.
E. S. XXX. 62 (table) (type *humeralis*).

Dendrocoris Bergroth 1891 Rev. Ent. X. 228; Barber 1906 Sci. Bull. Mus. Brooklyn
I. 262 (new name).

1 **contaminatus**Arizona; Texas; Cali-
fornia.

Dendrocoris contaminatus Uhler 1897 T. Maryland Ac. Sci. I.
390; Barber 1906 op. cit. 263.

Liotropis do. Van Duzee 1904 l. c.

2 **fruticicola**

Southern U. S.

Dendrocoris fruticicola Bergroth 1891 l. c.; Barber 1906 l. c.

3 **humeralis**

United States.

Liotropis humeralis Uhler 1877 Bull. U. S. Geol. Surv. III.
400; Van Duzee 1904 l. c.

Dendrocoris do. Bergroth 1891 op. cit. 229; Barber 1906 l. c.

§ Probably carnivorous (Uhler) [probably incorrect. G. W. K.].
Foodplants: *Carya*; *Quercus*.

4 **pini**California; Texas;
Arizona; Colorado.

Dendrocoris pini Montandon 1893 P. U. S. Mus. XVI. 51;
Barber 1906 l. c.

Liotropis do. Van Duzee 1904 op. cit. 63.

Foodplant: *Pinus monophylla*.

5 **schaefferi**

Texas.

Dendrocoris schaefferi Barber 1906 op. cit. 262.

Bothrocoris.

Brachystethus subg. *Bothrocoris* Mayr 1866 Novara Exp. Zool. II. (2) 68 (type
quinquedentatus).

Bothrocoris Stål 1867 O. V. A. F. XXIV. 532.

1 **fuscopunctatus**

Bothrocoris fuscopunctatus Distant 1880 B. C. A. Het. I. 84
Pl. 8. f. 5.

Panama; Guiana.

2 **quinquedentatus**

Brachystethus quinquedentatus Spinola 1837 Essai 344; H-S.
1846 Wanz. VIII. 3, f. 790.

Brazil; Argentine.

Brachystethus.

Edessa subg. *Brachystethus* Laporte 1832 Essai 63 (type *marginatus* = *geniculatus*).

Brachystethus H-S. 1846 Wanz. VIII. 1. Pl. CCLIII. A—B.

Brachystethus Stål 1867 O. V. A. F. XXIV. 532.

1 **cribrum**

— — Stoll Pun. f. 18.

Cimex cribrum Fabricius 1781 Spec. Ins. II. 357.

Brachystethus do. Amyot et Serville 1843 Hém. 161.

Brachystethus do. H-S. 1846 l. c., f. 788.

Colombia; Br., Dutch
and Fr. Guiana.2 **coxalis**

† *Brachystethus coxalis* Breddin 1904 Soc. Ent. XVIII. 178.

Perú.

3 **discolor**

Ochlerus discolor Walker 1867 Cat. Het. I. 194.

Brachystethus marginifer Walker 1868 op. cit. III. 456.

Brazil.

4 **fulvicornis**

Rhaphigaster fulvicornis Walker 1867 op. cit. II. 361.

Brachystethus biguttatus Walker 1868 op. cit. III. 455.

B. parvus Distant 1890 B. C. A. Het. I. 342, Pl. 31. f. 23.

Brazil; Panama.

5 **geniculatus**

Cimex geniculatus Fabricius 1787 Mant. Ins. II. 293; and
1803 Syst. Rh. 153.

[*Edessa*] *Brachystethus marginatus* Laporte 1832 l. c., Pl.
54. f. 8.

Edessa circumscripta Burmeister 1835 Handb. Ent. II. 356.

Brachystethus marginatus Amyot et Serville 1843 Hém. 161.

Brachystethus circumscriptus H-S. 1846 Wanz. VIII. 2. f. 789.

Brachystethus geniculatus Stål 1868 Svensk. Vet. Handl. 7.
no. 11. p. 38; and 1872 op. cit. 10. no. 4. p. 48.

Fr. Guiana; Brazil.

6 **improvisus**

† *Brachystethus improvisus* Breddin 1905 Soc. Ent. XX. 26.

Venezuela.

7 **piceolus**

Brachystethus piceolus Walker 1868 op. cit. 456.

Brazil.

8 **rubromaculatus**

Brachystethus rubromaculatus Dallas 1851 List 337; Signoret
1851 A. S. L. France (2) IX. 345; Stål 1872 Svensk.
Vet. Handl. 10. no. 4. p. 48; Distant 1880 op. cit. 85,
Pl. 8. f. 6.

Brachystethus sezmaculatus H-S. 1851 Wanz. IX. 310,
f. 1010.

Mexico; Br. Hon-
duras; Guatemala;
Costa Rica; Pa-
nama.9 **signoretii**

Brachystethus geniculatus Signoret 1851 l. c. (not Fabricius).
B. signoretii Stål 1872 l. c. (new name).

Venezuela.

10 **tricolor**

Brachystethus tricolor Bolivar 1879 Ann. H. N. Españ. VIII. 138.

Ecuador (Baeza).

11 **vevillum**

Brachystethus vevillum Breddin 1903 Sb. Ges. Fr. Berlin 371.

Bolivia.

12 **vicinus**

Brachystethus vicinus Signoret 1851 op. cit. 344; Distant
1880 l. c., Pl. 8. f. 4.

Costa Rica; Panama;
Colombia; N. Brazil.

Tribe 2.

Edessini.

The three genera have hitherto been included with the Pentatomini (q. v. for tables etc.). They are entirely American, and practically entirely Neotropical, but appear to be entirely absent from the Chilean Subregion.

Peromatus.

Amyot et Serville 1843 Hém. 156 (type *notatus*).

- 1 **bolivianus**
Peromatus bolivianus Bergroth 1893 Ent. Mo. Mag. (2) IV. 62. Bolivia.
- 2 **nodifer**
Edessa nodifera [Westwood] 1837 Cat. Hope I. 28.
Peromatus nodifer Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 49. Brazil (Minas Geraes).
P. unicolor Fallou 1887 Le Naturaliste (2) VIII. 36.
- 3 **notatus**
Edessa notata Burmeister 1835 Handb. Ent. II. 354; H-S. 1837 Wanz. IV. 17, f. 363.
Peromatus notatus Amyot et Serville 1843 Hém. 156; Haglund 1868 Stett. E. Z. XXIX. 161; Distant 1880 B. C. A. Het. I. 85, Pl. 8. f. 8. Guatemala; Costa Rica; Panama; Brazil.
- 4 **robustus**
Peromatus robustus Haglund 1868 l. c. Mexico.
- 5 **sulcifer**
Peromatus sulcifer Berg 1892 An. S. Cient. Arg. XXXIII. 43. Argentine.
- 6 **truncatus**
Peromatus truncatus Distant 1880 op. cit. 86, Pl. 10. f. 1. Mexico; Panama.
- 7 **validus**
Peromatus validus Dallas 1851 List 318. N. Brazil.

Olbia.

Stål 1862 Stett. E. Z. XXIII. 118; and 1867 O. V. A. F. XXIV. 532 (type *caprina*).

- 1 **caprina**
Olbia caprina Stål 1862 Stett. E. Z. XXIII. 118; Distant 1881 op. cit., Pl. 10. f. 4. Mexico; Brazil.
- 2 **elegans**
Edessa elegans H-S. 1837 Wanz. IV. 18, f. 365.
E. capreola Stål 1855 O. V. A. F. XII. 183; and 1856 op. cit. XIII. 62. Brazil.
Olbia elegans Stål 1862 Stett. E. Z. XXIII. 118.

Edessa.¹⁾

- Edessa* Fabricius 1803 Syst. Rh. 145; Amyot et Serville 1843 Hém. 158; Stål 1867 O. V. A. F. XXIV. 532; and 1872 Svensk. Vet. Handl. 10. no. 4. p. 49; Distant 1880 B. C. A. Het. I. 86 (type *cepus*).
- subgen. (b) *Asera* Say 1832 N. Sp. North Am. Ins. 8; and 1859 Compl. Wr. I. 304 (type *bifida*).
- subgen. (c) *Aceratodes* Amyot et Serville 1843 Hém. 159 (type *eruentus* = *rufomarginata*).
- subgen. (d) *Dorypleura* Amyot et Serville 1843 Hém. 157 (type *bubalus*).
- subgen. (e) *Hypoxys* Amyot et Serville 1843 l. c. (type *quadridens*).
- subgen. (f) *Pygoda* Amyot et Serville 1843 op. cit. 159 (type *polita*).

¹⁾ As I have found it impossible to place, from their descriptions, many of the post-Stålian species in their proper subgenera, I have placed all the species alphabetically under *Edessa*.

- 1 **abdit**
Edessa abdit Distant 1890 B. C. A. Het. I. 350, Pl. 32. f. 20. Mexico.
- 2 **abdominalis**
Edessa abdominalis Erichson 1848 Schomb. Reise Guiana III. 611; Distant 1881 op. cit. 99, Pl. 10. f. 2. Mexico: Br. Guiana
- 3 **addax**
† *Edessa addax* Breddin 1903 Soc. Ent. XVIII. 132. Ecuador.
- 4 **affinis**
Edessa affinis Dallas 1851 List 332; Stål 1872 op. cit. 56; Distant 1881 op. cit. 92, Pl. 9. f. 17; Breddin 1904 Sb. Ges. Fr. Berlin 147. Brazil; Colombia; Panama; Guatemala; Honduras.
- 5 **albocincta**
Edessa albocincta Walker 1868 Cat. Het. III. 434. Brazil.
- 6 **alces**
Edessa alces Erichson 1848 op. cit. 610. Br. Guiana.
- 7 **ansata**
Edessa ansata Distant 1887 C. R. S. E. Belg. XXXI. p. LXIII. Brazil.
- 8 **antennata**
Edessa antennata Stål 1872 op. cit. 51. D. Guiana.
- 9 **antica**
Edessa antica Walker 1868 op. cit. 432. Brazil.
- 10 **arabs**
Cimex arabs Linneus 1758 Syst. Nat. (Ed. X.) p. 442.
C. antilope Fabricius 1798 Ent. Syst. Suppl. 531; Coquebert 1799 Ill. Ent. I. 36, Pl. 9. f. 8.
Edessa arabs Stål 1872 l. c. Brazil [? Antilles].
- 11 **arcuballista**
† *Edessa arcuballista* Breddin 1903 op. cit. 123. Bolivia.
- 12 **argali**
† *Edessa argali* Breddin 1903 op. cit. 132. Brazil.
- 13 **arrogantula**
† *Edessa arrogantula* Breddin 1903 op. cit. 123. Perú.
- 14 **aulacosterna**
Edessa aulacosterna Stål 1872 op. cit. 56. Brazil.
- 15 **balteata**
Edessa balteata Walker 1868 op. cit. 436. N. Brazil.
- 16 **bibos**
† *Edessa bibos* Breddin 1903 op. cit. 132. Ecuador.
- 17 **bifida**
Pentatoma bifida Say 1832 N. Sp. North Am. Ins. 7; and 1859 Compl. Wr. I. 303. Florida; Louisiana; Carolina.
Edessa albirenis H-S. 1844 Wanz. VII. 127, f. 774.
Pentatoma cornuta Guérin 1857 Sagra's Cuba, Ins. 376.
Edessa bifida Stål 1872 op. cit. 58.
- 18 **biguttata**
Edessa biguttata Stål 1872 op. cit. 52. N. Brazil.
- 19 **bilunata**
† *Edessa bilunata* Breddin 1901 Soc. Ent. XVI. 124. Bolivia.
- 20 **bison**
Pentatoma bison Lepelletier et Serville 1825 Enc. Méth. X. 54.
Edessa antilope Amyot et Serville 1843 Hm. 158, Pl. 2. f. 7 (not Fabricius). Fr. Guiana.
- 21 **boerner**
Edessa boerner Breddin 1904 Sb. Ges. Fr Berlin 141. Perú.

- 22 **bonasia** Mexico.
Edessa bonasia Stål 1872 op. cit. 54; Distant 1880 op. cit.
 Pl. 8. f. 19.
- 23 **boopis** D. Guiana.
Edessa boopis Breddin 1904 op. cit. 146.
- 24 **botocudo** nom. nov. N. Brazil.
 || *Edessa hamata* Walker 1868 Cat. Het. III. 432; Stål 1872
 op. cit. 49.
- 25 **brachyacantha** Perú; Bolivia.
Edessa brachyacantha Breddin 1904 op. cit. 140.
- 26 **brontes** nom. nov. Columbia.
 || *Edessa gazella* Breddin 1903 Soc. Ent. XVIII. 131.
- 27 **brunnipennis** Brazil.
Edessa brunnipennis G. Fallou 1887 Le Naturaliste (2) VIII. 36.
- 28 **bubalus** N. Brazil; Fr. Guiana.
 — — — Stoll Pun. f. 253.
Pentatoma bubalus Lepeletier et Serville 1825 l. c.
Edessa trabeata Burmeister 1835 Handb. Ent. II. 355.
Dorypleura bubalus Amyot et Serville 1843 op. cit. 157.
Edessa longispina Walker 1868 op. cit. 431.
Edessa bubalus Stål 1872 op. cit. 49.
- 29 **buceria** nom. nov. Brazil.
Edessa || *viridis* Bergroth 1891 Rev. Ent. X. 231.
- 30 **bugabensis** Panama.
Edessa bugabensis Distant 1890 op. cit. 344, Pl. 32. f. 7.
- 31 **bulbacea** Panama.
Edessa bulbacea Distant 1890 op. cit. 343, Pl. 32. f. 4.
- 32 **caldaria** Panama.
Edessa caldaria Distant 1890 op. cit. 349, Pl. 32. f. 19.
- 33 **caliginosa** ? Brazil.
Edessa caliginosa Walker 1868 Cat. Het. III. 442.
- 34 **capito** Bolivia.
Edessa capito Breddin 1904 Sb. Ges. Fr. Berlin 151.
- 35 **capra** Brazil.
Edessa capra Dallas 1851 List 321.
- 36 **carnosa** Brazil; Argentine;
Edessa carnosa [Westwood] 1837 Cat. Hope I. 29; Berg 1894
 Ann. Mus. Montevideo I. 19.
Aceratodes costalis Stål 1859 Eugen. Resa, Ins. 231.
Edessa senilis Walker 1868 Cat. Het. III. 450.
E. fulvipes var. *costalis* Stål 1872 Svensk. Vet. Handl. 10.
 no. 4. p. 58 (ref.).
 var. (b) **fulvipes**
Aceratodes fulvipes Dallas 1851 List 335.
Edessa do. Stål 1872 l. c.
 § Berg 1879 Hem. Arg. 62 (n.).
- 37 **castanea** ?
Edessa castanea H-S. 1851 Wanz. IX. 313.
- 38 **celsa** Panama.
Edessa celsa Distant 1890 B. C. A. Het. I. 348, Pl. 32. f. 15.
- 39 **cerastes** Costa Rica.
 † *Edessa cerastes* Breddin 1905 Soc. Ent. XX. 26.
- 40 **cervus** Brazil; Colombia;
 — — — Stoll Pun. f. 199.
Cimex cervus Fabricius 1787 Mant. Ins. II. 283.

- || *C. viridis* Donovan (1801?) Ins. Ind. Pl. 8. f. 1.
Edessa ceruus Fabricius 1803 Syst. Rh. 146; H-S. 1837 Wanz.
 IV. 19, f. 366; Stål 1872 op. cit. 50.
- 41 **championi** Guatemala.
Edessa championi Distant 1881 op. cit. 98. Pl. 9. f. 21.
- 42 **chelonina** Jamaica.
Edessa chelonina Van Duzee 1907 Bull. Buffalo Soc. VIII. 11.
- 43 **civilis** Ecuador.
 † *Edessa civilis* Breddin 1903 Soc. Ent. XVIII. 139.
- 44 **cogitabunda** S. Brazil.
Edessa cogitabunda Breddin 1904 Sb. Ges. Nat. Fr. Berlin 153.
- 45 **collaris** Mexico; Guatemala
Edessa collaris Dallas 1851 List 329; Distant 1881 op. cit.
 Pl. 8. f. 23. Honduras; Panama
E. lineigera Stål 1862 Stett. E. Z. XXIII. 113. Br. Guiana; Brazil
- 46 **complicata** Brazil.
Edessa complicata Distant 1887 C. R. S. E. Belg. XXXI.
 p. LXIV.
- 47 **congrua** Brazil.
Edessa congrua Walker 1868 op. cit. III. 447.
- 48 **consobrina** Brazil.
Edessa consobrina Stål 1860 Svensk. Vet. Handl. 2. no. 7.
 p. 27; and 1872 op. cit. 10. no. 4. p. 55.
- 49 **conspersa** Mexico; Guatemala
Edessa conspersa Stål 1872 op. cit. 58; Distant 1881 op. cit.
 Pl. 8. f. 24; and 1890, p. 350.
- 50 **contermina** N. Brazil.
Edessa contermina Walker 1868 op. cit. 449.
- 51 **corallipes** Br. Guiana.
Edessa corallipes Erichson 1848 Schomb. Reise Br. Guiana
 III. 611; Van Duzee 1901 T. Amer. E. S. XXVII. 346
- 52 **cordifera** Mexico.
Aceratodes cordifer Walker 1868 op. cit. 452.
Edessa cordifera Distant 1881 op. cit. 97, Pl. 9. f. 23.
E. albicors Stål 1872 l. c.
- 53 **cordigera** Br. Guiana.
Edessa cordigera Erichson 1848 l. c.
- 54 **cornuta** Louisiana; Mexico;
Edessa cornuta Burmeister 1835 Handb. II. 356; Distant 1881
 op. cit. 97, Pl. 9. f. 22; and 1900 A. M. N. H. (7) V
 429; Sharp 1890 T. E. S. London 410, Pl. 13. f. 15.
E. coraculum Erichson 1848 op. cit. 610 (new name).
Aceratodes albirenis Dallas 1851 List 336 (not H-S).
Edessa bifida Uhler 1894 P. Zool. S. London 176 (not Say).
 Feeds on *Aletia* [Lep.].
- 55 **corrosa** "S. America."
Edessa corrosa H-S. 1838 Wanz. IV. 82, f. 412.
- 56 **costae** Brazil.
Edessa costae Bergroth 1891 Rev. Ent. X. 233.
- 57 **cylindricornis** N. Brazil.
Edessa cylindricornis Stål 1872 Svensk. Vet. Handl. 10. no. 4.
 p. 51.
- 58 **dallasi** N. Brasil.
 || *Edessa cornuta* Dallas 1851 List 319 (excl. syn.).
E. dallasi Distant 1881 B. C. A. Het. I. 97 (new name).

- 59 **davidi**
Edessa davidi G. Fallou 1887 Le Naturaliste (2) VIII. 36;
Bergroth 1905 Rev. Ent. XXIV. 104. Brazil.
- 60 **densata**
Edessa densata Distant 1890 op. cit. 350, Pl. 31. f. 24. Mexico.
- 61 **discors**
Edessa discors Erichson 1848 op. cit. 611; Van Duzee 1901
T. Amer. E. S. XXVII. 345. Br. Guiana; Guatemala; Mexico.
E. petersii Distant 1881 op. cit. 98, Pl. 9. f. 25.
- 62 **dolichocera**
— — Stoll Pun. f. 208. D. Guiana.
Edessa dolichocera Burmeister 1835 op. cit. 355.
- 63 **doreas**
† *Edessa doreas* Breddin 1903 Soc. Ent. XVIII. 132. Ecuador.
- 64 **ductor**
Edessa ductor Walker 1868 Cat. Het. III. 433. Brazil.
- 65 **elaphus**
† *Edessa elaphus* Breddin 1905 Soc. Ent. XX. 26. Perú.
- 66 **electa**
Edessa electa Walker 1868 op. cit. 445. Brazil.
- 67 **epulo** nom. nov.
|| *Edessa transversalis* Erichson 1848 op. cit. 610. Br. Guiana.
- 68 **excellens**
Edessa excellens Walker 1868 op. cit. 446. Brazil.
- 69 **expolita**
Edessa expolita Distant 1890 op. cit. 348, Pl. 32. f. 16. Panama.
- 70 **fallonii**
Edessa fallonii Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 53. Colombia.
- 71 **fasciata**
Edessa fasciata Dallas 1851 List 333. Brazil.
- 72 **femoralis**
Edessa femoralis Walker 1868 op. cit. 440. Brazil.
- 73 **flavida**
Edessa flavida [Westwood] 1837 Cat. Hope I. 28; Stål 1872
l. c.; Distant 1900 P. Zool. S. London 816. Brazil; Paraguay;
E. lutea [Westwood] l. c. Argentine.
E. simplex H-S. 1840 Wanz. V. 103, f. 554.
E. jutea Stål 1872 op. cit. 59 (laps. cal.).
- 74 **flavinervis**
Edessa flavinervis Stål 1872 op. cit. 51. N. Brazil.
- 75 **fulvicornis**
Edessa fulvicornis Fabricius 1803 Syst. Rh. 152; Stål 1868
op. cit. 7. no. 11. p. 37. Guiana; Brazil; Paraguay; Uruguay;
Argentine.
- 76 **fuscidorsata**
Edessa fuscidorsata Distant 1881 (Feb.) op. cit. 89, Pl. 9. f. 3. Mexico; Panama; Colombia.
E. fuscidorsata Reuter 1881 (Mar.) Ent. Mo. Mag. XVII. 234
(as sp. nov.).
- 77 **fuscispina**
Edessa fuscispina Stål 1872 Svensk. Vet. Handl. 10. no. 4.
p. 55; Distant 1890 op. cit. 345, Pl. 32. f. 10. Colombia; Panama.
- 78 **gaudens**
Edessa gaudens Walker 1868 op. cit. 434. Brazil.
- 79 **gentilitia**
Edessa gentilitia Distant 1890 op. cit. 344, Pl. 32. f. 5. Costa Rica; Mexico.

- 80 **globulifera**
Edessa globulifera Walker 1868 op. cit. 433. Brazil.
- 81 **gnu**
† *Edessa gnu* Breddin 1905 Soc. Ent. XX. 27. Brazil.
- 82 **godmani**
Edessa godmani Distant 1881 op. cit. 96, Pl. 9. f. 19. Guatemala.
- 83 **graminicolor**
† *Edessa graminicolor* Breddin 1903 Soc. Ent. XVIII. 139. Ecuador.
- 84 **graminosa**
Edessa graminosa Walker 1868 op. cit. 437.
E. melanocera Walker 1868 op. cit. 444. Brazil.
- 85 **grandispina**
Pentatoma grandispinum Perty 1833 Del. An. 167, Pl. 33. f. 8.
Edessa grandispina Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 59. Brazil.
- 86 **grossa**
Edessa grossa H-S. 1837 Wanz. IV. 17, f. 364. Brazil.
- 87 **haedina**
Edessa haedina Stål 1862 Stett. E. Z. XXIII. 112; and 1872 Svensk. Vet. Handl. 10. no. 4. p. 52; Distant 1880. B. C. A. Het. I., Pl. 8. f. 15. Mexico.
- 88 **haedulus**
† *Edessa haedulus* Breddin 1905 Soc. Ent. XIX. 178. Ecuador.
- 89 **hamifera**
† *Edessa hamifera* A. Costa 1864 Ann. Mus. Zool. Napol. II. 148, Pl. 1. f. 9. — ?
- 90 **handlirschi**
Edessa handlirschi Breddin 1904 Sb. Ges. Fr. Berlin 142. Perú.
- 91 **helicoceras**
† *Edessa helicoceras* Breddin 1905 Soc. Ent. XX. 26. Venezuela.
- 92 **helix**
Edessa helix Erichson 1848 op. cit. 610.
|| *E. costalis* Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 59; Distant 1880 op. cit., Pl. 8. f. 10. Mexico; Nicaragua; Costa Rica; Panama; Colombia; Br. Guiana.
- 93 **herriichi**
Edessa nigridentis H-S. 1844 Wanz. VII. 128, f. 775 (not Fabricius).
E. herriichi Berg 1892 An. S. Cient. Arg. XXXIII. 45 (new name). Brazil.
- 94 **heymonsi**
Edessa heymonsi Breddin 1904 Sb. Ges. Fr. Berlin 147. Perú.
- 95 **hilaris**
Edessa hilaris Walker 1868 Cat. Het. III. 440. Brazil.
- 96 **hirculus**
† *Edessa hirculus* Breddin 1904 Soc. Ent. XVIII. 178. Bolivia.
- 96a **humeralis**
|| *Edessa obscura* Dallas 1851 List 325.
E. humeralis Walker 1868 Cat. Het. III. 441.
E. bimaculata Walker 1868 op. cit. 442.
E. rufipes Fallou 1887 Le Naturaliste (2) VIII. 36. Brazil.
- 97 **ibex**
Edessa ibex Breddin 1903 op. cit. 131. Ecuador.
- 98 **icterica**¹⁾
Edessa icterica Hahn 1835 Wanz. II. 126, f. 206.
E. haematopoda Burmeister 1835 Handb. Ent. II. 355. Brazil.

¹⁾ Hahn's description was published in March (according to the covers of the part), while that part of Burmeister's 'Handbuch' containing *E. haematopoda* was, as my friend Prout writes me, announced as ready Easter (cf. Weidmann's Cat. p. 40). Easter Monday 1835 was on April 20th.

- 99 **imbecilla**
† *Edessa imbecilla* Breddin 1903 Soc. Ent. XVIII. 123. Bolivia.
- 100 **impura**
Edessa impura Bergroth 1891 Rev. Ent. X. 232. Brazil.
- 101 **indigena**
Edessa indigena Distant 1890 B. C. A. Het. I, 349, Pl. 32. Mexico.
f. 18.
- 102 **infulata**
Edessa infulata Breddin 1904 Soc. Ent. XIX. 50; and Sb. Perú; Bolivia.
Ges. Fr. Berlin 143.
- 103 **innotabilis**
Edessa innotabilis Walker 1868 Cat. Het. III. 438. Brazil.
- 104 **inscripta**
Edessa inscripta Walker 1868 l. c. Brazil.
- 105 **intorta**
Edessa intorta Distant 1890 op. cit. 343, Pl. 32. f. 2. Panama.
- 106 **irrorata**
Edessa irrorata Dallas 1851 List 331; Stål 1872 Svensk. Colombia; Panama.
Vet. Handl. 10. no. 4. p. 57; Distant 1881 op. cit.,
Pl. 8. f. 21.
- 107 **jansonii**
Edessa jansonii Distant 1890 op. cit. 346, Pl. 32. f. 11. Nicaragua.
- 108 **jo**
† *Edessa jo* Breddin 1905 Soc. Ent. XX. 26. Surinam.
- 109 **jucunda**
Edessa jucunda Walker 1868 op. cit. 448. Brazil.
- 110 **jugata**
Edessa jugata [Westwood] 1837 Cat. Hope I. 28; Distant Mexico; Guatemala;
1880 op. cit., Pl. 8. f. 13. Panama; Colombia;
E. arietina Stål 1862 Stett. E. Z. XXIII. 110; and 1872 Bolivia.
Sensk. Vet. Handl. 10. no. 4. p. 52.
- 111 **junix**
Edessa junix Stål 1862 Stett. E. Z. XXIII. 114; and 1872 Mexico.
Svensk. op. cit. 56; Distant 1881 op. cit., Pl. 8. f. 20.
var. (b) **dariensis** nov. Panama.
E. junix var. Distant 1890 op. cit. 346, Pl. 32. f. 13.
- 112 **jurgiosa**
Edessa jurgiosa Stål 1862 Stett. E. Z. XXIII. 114; Distant Mexico; Panama.
1881 op. cit., Pl. 9. f. 7.
- 113 **laticornis**
Edessa laticornis Stål 1872 Svensk. Vet. Handl. 10. no. 4. Mexico.
p. 50; Distant 1880 op. cit. 87, Pl. 8. f. 9.
- 114 **lavata**
† *Edessa lavata* Breddin 1903 Soc. Ent. XVIII. 123. Bolivia.
- 115 **lepida**
Edessa lepida Stål 1862 Stett. E. Z. XXIII. 116; Distant Mexico.
1881 op. cit., Pl. 9. f. 12; and 1890 p. 347.
- 116 **leprosula**
Edessa leprosula Breddin 1904 Sb. Ges. Fr. Berlin 144. S. Brasil.
- 117 **leptacantha**
Edessa leptacantha Breddin 1904 Sb. Ges. Fr. Berlin 139. Perú.
- 118 **leucocera**
Edessa leucocera Dallas 1851 List 327. Colombia.
- 119 **leucogramma**
Pentatoma leucogrammum Perty 1833 Del. An. 167, Pl. 33. f. 9. Brazil; Panama.

- Edessa maculata* Dallas 1851 List 322.
E. leucogramma Stål 1872 op. cit. 54; Distant 1881 op. cit. 89.
- 120 **leucoryx** Ecuador.
 † *Edessa leucoryx* Breddin 1903 Soc. Ent. XVIII. 132.
- 121 **limbolaria** — ?
Edessa limbolaria Stål 1872 op. cit. 55.
- 122 **lineata** Brazil.
Edessa lineata [Westwood] 1837 op. cit. 28; Berg 1894 Ann. Mus. Montevideo I. 19; Distant 1900 P. S. S. London 816.
- 123 **lineifera** Brazil.
 ‖ *Edessa lineata* Stål 1862 Stett. E. Z. XXIII. 113.
E. lineifera Bergroth 1891 Rev. Ent. X. 234 (new name).
- 124 **lindströmi** Mexico.
Edessa lindströmi Distant 1881 B. C. A. Het. I. 91, Pl. 9. f. 5.
- 125 **loxdalii** Br. Guiana.
Edessa loxdalii [Westwood] 1837 op. cit. 29.
- 126 **macula**
Cimex macula Fabricius 1803 Syst. Rh. 161.
Edessa do. Stål 1868 Svensk. Vet. Handl. 7. no. 11. p. 37.
- 127 **meditabunda** Cuba; Jamaica; Grenada; St. Vincent; Colombia; Br. and Fr. Guiana; Brazil; Bolivia; Uruguay; Argentine; S. Patagonia.
Cimex meditabundus Fabricius 1794 Ent. Syst. IV. 113; Coquebert 1801 Ill. Ent. 81, Pl. 19. f. 4.
C. glaucescens Fabricius 1798 Ent. Syst. Suppl. 535.
Edessa meditabunda H-S. 1844 Wanz. VII. 127, f. 773; Breddin 1904 Sb. Ges. Fr. Berlin 152.
Aceratodes nuditabundus Stål 1860 op. cit. 2. no. 7. p. 28 (laps. cal.).
Edessa consentanea Walker 1863 Cat. Het. III. 450.
E. rugulosa Uhler 1894 P. Z. S. London 177.
 "E. metatibunda Thunbg." Van Duzee 1901 T. Amer. E. S. XXVII. 346 (laps. cal.).
 § Berg 1879 Hem. Arg. 62 (n.).
- 128 **megaspila** ~~Walker~~ Venezuela; Colombia; Fr. and Br. Guiana; Brazil.
 ‖ *Edessa inconspicua* Dallas 1851 List 327.
E. megaspile Walker 1868 op. cit. 435.
E. aciculata Walker l. c.
- 129 **melacantha** Colombia.
Edessa melacantha Dallas 1851 List 326.
- 130 **metatata** Panama; Costa Rica.
Edessa metata Distant 1890 B. C. A. Het. I. 347, Pl. 32. f. 14; Breddin 1904 Sb. Ges. Fr. Berlin 145.
 [E. notata Leth. et Sev. 1893 Cat. I. 192, laps. cal.†]
- 131 **mexicana** Mexico.
Edessa mexicana Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 59; Distant 1881 op. cit. 95, Pl. 8. f. 2.
- 132 **miniata** Fr. Guiana; N. Brazil.
Edessa miniata [Westwood] 1837 Cat. Hope I. 28.
E. scutellata H-S. 1840 Wanz. V. 101, f. 552; Stål 1872 op. cit. 55.
 var. (b) **lurida**
 — — Stoll Pun. f. 148.
Edessa lurida Dallas 1851 List 328.
- 133 **montezuma** Mexico; [? Columbia].
Edessa montezuma Distant 1881 op. cit. 91, Pl. 9. f. 6.

- 134 **moschus**
Edessa moschus Erichson 1848 Schenk. Reise Guiana III. 610; Van Duzee 1901 T. Amer. E. S. XXVII. 345. Br. Guiana.
- 135 **musimon**
Edessa musimon Breddin 1903 Soc. Ent. XVIII. 139. Perú.
- 136 **nigriclava**
Edessa nigriclava Walker 1868 op. cit. 446. Brazil.
- 137 **nigricornis**
Edessa nigricornis Stål 1862 Stett. E. Z. XXIII. 110; Distant 1880 op. cit. Pl. 8. f. 16. Panama; Guatemala; Mexico.
- 138 **nigridens**
Edessa nigridens Fabricius 1803 Syst. Rh. 148; Stål 1868 Svensk. Vet. Handl. 7. no. 11. p. 35. Guiana.
- 139 **nigrispina**
Edessa nigrispina Dallas 1851 List 326; Distant 1881 op. cit. 90, Pl. 8. f. 18. Panama; Honduras; Mexico; "Antilles".
E. los Stål 1855 O. V. A. F. XII. 183; and 1856 op. cit. XIII. 82.
- 140 **nigromarginata**
Edessa nigromarginata Distant 1881 T. E. S. London 392. Jamaica.
- 141 **nigropunctata**
Edessa nigropunctata Berg 1884 Hem. Arg. Add. 32; and 1892 An. S. Cient. Arg. XXXIII. 49. Uruguay; Brazil.
- 142 **nodamentosa**
† *Edessa nodamentosa* Breddin 1905 Soc. Ent. XX. 26. Surinam.
- 143 **obnixa**
Edessa obnixa Distant 1893 B. C. A. Het. I. 457. Guatemala; Mexico.
- 144 **obscuricornis**
Edessa obscuricornis Stål 1860 Svensk. Vet. Handl. 2. no. 7. p. 27; and 1872 op. cit. 10. no. 4. p. 53. Brazil.
- 145 **obscuripennis**
Edessa obscuripennis Stål 1860 op. cit. 2. no. 7. p. 28; and 1872 op. cit. 10. no. 4. p. 56. Brazil.
- 146 **obtusa**
Edessa obtusa Dallas 1851 List 323; Berg 1892 An. S. Cient. Arg. XXXIII. 45. Brazil; Paraguay; Argentine.
- 147 **ochracea**
Edessa ochracea Bergroth 1891 Rev. Ent. X. 229. Brazil.
- 148 **olivacea**
Edessa olivacea Stål 1862 Stett. E. Z. XXIII. 111; and 1872 Svensk. Vet. Handl. 10. no. 4. p. 53; Distant 1880 op. cit., Pl. 8. f. 11. Panama; Guatemala; Mexico.
E. euchroma Walker 1868 Cat. Het. III. 422.
- 149 **oryx**
† *Edessa oryx* Breddin 1903 Soc. Ent. XVIII. 131. Perú.
- 150 **ovalis**
Edessa ovalis Stål 1872 op. cit. 57. Brazil; Argentine.
- 151 **ovina**
Edessa ovina Dallas 1851 List 324. Br. Guiana.
- 152 **oxyacantha**
Edessa oxyacantha Breddin 1904 Soc. Ent. XIX. 50; and Sb. Ges. Fr. Berlin 138. Perú[Bolivia in error.].
- 153 **pachyacantha**
Edessa pachyacantha Breddin 1904 op. cit. 136. Perú.
- 154 **pacifica**
† *Edessa pacifica* Breddin 1903 Soc. Ent. XVIII. 139. Ecuador.

- 155 **pallicornis** Brazil.
Edessa pallicornis Walker 1868 op. cit. 437.
- 156 **pallida** Brazil.
Edessa pallida Dallas 1851 List 332.
- 157 **pantherina** Brazil.
Edessa pantherina Bergroth 1891 Rev. Ent. X. 230.
- 158 **parvula** Brazil; Argentine.
Edessa parvula Dallas 1851 l. c.
- 159 **patricia** Panama; Guatemala
Mexico.
Edessa patricia Stål 1862 Stett. E. Z. XXIII. 114; and 1872
Svensk. Vet. Handl. 10. no. 4. p. 57; Distant 1881
B. C. A. Het. I., Pl. 8. f. 22.
- 160 **pectoralis** Brazil.
Edessa pectoralis Walker 1868 op. cit. 443.
- 161 **pennata** Guatemala.
Edessa pennata Distant 1890 op. cit. 345, Pl. 32. f. 9.
[*E. permata* Leth. et Sev. 1893 Cat. I. 192. laps. cal.]
- 162 **peronea** Brazil.
Edessa peronea Dallas 1851 List 321.
E. albidicornis Stål 1855 O. V. A. F. XII. 183; and 1856
op. cit. XIII. 61.
- 163 **perscitta** Perú; Bolivia.
Edessa perscitta Breddin 1904 Sb. Ges. Fr. Berlin 149.
- 164 **phoenicopus** Honduras.
Edessa phoenicopus Dallas 1851 List 323; Distant 1881 op.
cit., Pl. 9. f. 2.
- 165 **picata** Mexico.
Edessa picata Distant 1890 op. cit. 351, Pl. 31. f. 25.
- 166 **picticornis** Mexico.
Edessa picticornis Stål 1872 Svensk. Vet. Handl. 10. no. 4.
p. 58; Distant 1881 op. cit., Pl. 9. f. 18.
- 167 **pictiventris** Colombia; Panama
Edessa pictiventris Stål 1872 op. cit. 52; Distant 1890 op.
cit. 343, Pl. 32. f. 3.
- 168 **piperitia** Brazil.
Edessa piperitia [Westwood] 1837 Cat. Hope I. 29; Berg-
roth 1891 Rev. Ent. X. 234.
- 169 **polita** Brazil; Argentine.
— Stoll Pun. figs. 128 a. 174.
Pentatoma polita Lepeletier et Serville 1825 Enc. Méth. X. 54.
Edessa nervosa Burmeister 1835 Handb. Ent. II. 355.
Pygoda polita Amyot et Serville 1843 Hém. 159.
- 170 **polymita** Panama.
Edessa polymita Distant 1890 B. C. A. Het. I. 348, Pl. 32.
f. 17.
- 171 **praececellens** Mexico.
Edessa praececellens Stål 1862 Stett. E. Z. XXIII. 112; Distant
1881 op. cit., Pl. 9. f. 1.
- 172 **prae fracta** Guatemala.
Edessa prae fracta Distant 1890 op. cit. 345, Pl. 32. f. 12.
[*E. prae fracta* Leth. et Sev. op. cit. 193, laps. cal.]
- 173 **prasina** Brazil.
Edessa prasina Bergroth 1891 Rev. Ent. X. 232.
- 174 **privata** Mexico.
Aceratodes privatus Walker 1868 Cat. Het. 453.

Edessa weeringii Stål 1872 Svensk. Vet. Handl. 10. no. 4.
p. 53.

E. privata Distant 1881 op. cit., Pl. 8. f. 25.

175 **projecta** *Edessa projecta* Distant 1890 op. cit. 345, Pl. 32. f. 8. Panama.

176 **pubibunda** *Edessa pubibunda* Stål 1862 Stett. E. Z. XXIII. 117; Distant 1881 op. cit., Pl. 9. f. 20. Mexico; Guatemala; Costa Rica.

177 **pubica** *Edessa pubica* Stål 1862 op. cit. 116; Distant 1881 op. cit., Pl. 9. f. 8. Mexico.

178 **pugil** † *Edessa pugil* Breddin 1903 Soc. Ent. XVIII. 139. Ecuador.

179 **puncticeps** *Edessa puncticeps* Stål 1862 op. cit. 117; and 1872 Svensk. Vet. Handl. 10. no. 4. p. 57. Brazil.

180 **puncticornis** *Edessa puncticornis* Stål 1862 Stett. E. Z. XXIII. 115; and 1872 Svensk. op. cit. 56; Distant 1881 op. cit., Pl. 9. f. 11. Mexico.

181 **punctiventris** *Edessa punctiventris* Stål 1872 op. cit. 59; Distant 1881 op. cit. 94, Pl. 9. f. 15. Mexico.

182 **quadridens** *Edessa quadridens* Fabricius 1803 Syst. Rh. 148; Stål 1868 op. cit. 7. no. 11. p. 36; and 1872 op. cit. 10. no. 4. p. 55; Breddin 1904 Sb. Ges. Fr. Berlin 140. Costa Rica; Panama; Colombia; Venezuela; Ecuador; Fr. and Br. Guiana; N. Brazil.

— — var. (b) **brunnipes**.

Edessa brunnipes Fabricius 1803 Syst. Rh. 148.

var. (c) **luteicornis**

Pentatoma luteicornis Lapole et Serville 1825 Enc. Méth. X. 55.

Edessa schaefferi Hahn 1835 Wanz. II. 127, f. 207.

Hyloxys quadridens Amyot et Serville 1843 Hém. 157.

183 **rectangulata** *Edessa rectangulata* Walker 1868 Cat. Het. III. 448. Brazil.

184 **recurva** *Edessa recurva* H-S. 1851 Wanz. IX. 312. Brazil.

185 **reticulata** *Edessa reticulata* Dallas 1851 List 325; Distant 1881 op. cit., Pl. 8. f. 17. Mexico.

E. lincosa Walker 1868 Cat. Het. III. 448.

186 **reversa** *Edessa reversa* Walker 1868 op. cit. 439. Ecuador.

187 **rixosa** *Edessa rixosa* Stål 1862 Stett. E. Z. XXIII. 116; and 1872 Svensk. Vet. Handl. 10. no. 4. p. 56; Distant 1881 B. C. A. Het. I., Pl. 9. f. 16. Mexico; Guatemala; Panama.

var. (b) **cortesi** Distant 1881 op. cit. 93, Pl. 9. f. 9.

188 **rorativentris** † *Edessa rorativentris* Breddin 1903 Soc. Ent. XVIII. 123. Bolivia.

189 **rudis** *Edessa rudis* Walker 1868 l. c. "S. America."

190 **ruficornis** *Acerptodes ruficornis* H-S. 1851 Wanz. IX. 311. Brazil.

191 *rufomarginata*

— — Stoll Pun. figs. 113 a. 193.

Cimex rufomarginatus de Geer 1773 Mém. III. 330, Pl. 34. f. 3.*C. cruentus* Fabricius 1775 Syst. Ent. 713.*Edessa cruenta* Fabricius 1803 Syst. Rh. 153; Hahn 1835

Wanz. II. 125, f. 205; Blanchard 1840 Hist. nat.

Hém. 144, Hém. Pl. 7. f. 1.

Pentatoma furcata Palisot 1805 Ins. Afr. Amér. 46, 11ém.
Pl. 6. figs. 1—2.*Aceratodes cruentus* Amyot et Serville 1843 Hém. 160.*A. discolor* Dallas 1851 List 334.*Edessa rufomarginata* Stål 1872 Svensk. Vet. Handl. 10.

no. 4. p. 57; Sharp 1890 T. E. S. London 410, Pl.

XII. figs. 6—7; and Pl. XIII. figs. 8—9.

var. (b) *aruakana* nov.

= Stoll Pun. f. 42 (and text).

var. (c) *marginalis**Aceratodes marginalis* Dallas 1851 List 335.*A. albomarginatus* Stål 1855 O. V. A. F. XII. 183; and 1856

op. cit. XIII. 62.

A. flavomarginatus Stål 1855 op. cit. XII. 183; and 1856

op. cit. XIII. 63.

var. (d) *flavovirens**Aceratodes flavovirens* Stål 1855 op. cit. XII. 183; and 1856

op. cit. XIII. 62.

§ Berg 1879 Hem. Arg. 61 (n.).

Foodplants: *Solanum bonariense*; "le sirve una multitud de
especies de plantas como alimento" (Berg l. c.).192 *rugifera**Edessa rugifera* Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 53.193 *rugiventris**Edessa rugiventris* Berg 1892 An. S. Cient. Arg. XX. XIII. 48.194 *rupicapra*† *Edessa rupicapra* Breddin 1903 Soc. Ent. XVIII. 139.195 *sahlbergii**Edessa sahlbergii* Stål 1872 op. cit. 54.196 *saiga*† *Edessa saiga* Breddin 1903 l. c.197 *salvini**Edessa salvini* Distant 1881 B. C. A. Het. 1. 39, Pl. 9. f. 4.198 *scabriventris**Edessa scabriventris* Stål 1859 Eugen. Resa, 1859. 231.*E. scabriventris* Stål 1860 Svensk. Vet. Handl. 2. no. 7.
p. 28 (as sp. nov.); and 1872 op. cit. 10. no. 4. p. 56.199 *schirmeri**Edessa schirmeri* Breddin 1904 Sb. Ges. Fr. Berlin 136.200 *serrata**Cimex serratus* Linneus 1758 Syst. Nat. (Ed. X.) p. 442.*Edessa serrata* Stål 1872 op. cit. 54.201 *serrulata**Pygoda || serrata* H-S. 1851 Wanz. IX. 312.*Edessa serrulata* Lethierry et Severin 1893 Cat. Hém. I. 194
(new name).202 *sexdens**Edessa sexdens* Fabricius 1803 Syst. Rh. 148; and 1868
op. cit. 7. no. 11. p. 36.Mexico; Guatemala;
Br. Honduras; Ni-
caragua; Costa
Rica; Panama; Co-
lombia; Venezuela;
the three Guianas;
Brazil; Bolivia;
Uruguay; Argen-
tine; Paraguay.

N. Brazil.

Argentine.

Ecuador.

Brazil.

Perú.

Mexico; Guatemala.

Brazil.

Colombia.

Fr. Guiana.

Brazil.

N. Brazil; Guiana.

- var. (b) **maeusi** nov.
= var. b. Stål l. c.
- var. (c) **dentata**
— — Stoll Pun. f. 209.
Edessa dentata Dallas 1851 List 328.
- 203 **sigillata**
Aecrotodes sigillatus Walker 1868 Cat. Het. III. 452.
Edessa sigillata Distant 1881 B. C. A. Het. I. 98, Pl. 9. f. 24. Mexico.
- 204 **signoreti**
Edessa signoreti G. Fallou 1887 Le Naturaliste (2) VIII. 36; Bergroth 1905 Rev. Ent. XXIV. 104. Brazil.
- 205 **stålîi**
Edessa stålîi Distant 1881 op. cit. 93, Pl. 9. f. 14. Costa Rica.
- 206 **sternalis**
† *Edessa sternalis* Breddin 1903 Soc. Ent. XVIII. 123. Ecuador.
- 207 **stillativentris**
† *Edessa stillativentris* Breddin 1905 op. cit. XX. 27. Venezuela.
- 208 **stolida**
Cimex stolidus Linneus 1758 Syst. Ent. (Ed. X.) p. 442.
Edessa stolida Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 56. — ? [India in error.]
- 209 **strigiceps**
Edessa strigiceps Walker 1868 op. cit. 447. Brazil.
- 210 **strigiventris**
Edessa strigiventris Walker 1868 op. cit. 434. Brazil.
- 211 **submarginata**
Edessa submarginata Walker 1868 op. cit. 444. Brazil.
- 212 **subrastrata**
Edessa subrastrata Bergroth 1891 Rev. Ent. X. 233. Brazil.
- 213 **suturata**
Edessa suturata Dallas 1851 List 324. Colombia; N. Brazil;
E. inclyta Walker 1868 Cat. Het. III. 445; Distant 1880 T. Br. Guiana.
E. S. London 150.
- var. (b) **subandina** Breddin 1904 Sb. Ges. Fr. Berlin 135.
- 214 **tapuyana** nom. nov.
|| *Edessa macraspis* Distant 1887 C. R. S. E. Belg. XXXI. p. LXIV. Brazil.
- 215 **tauriformis**
Edessa tauriformis Distant 1881 T. E. S. London 391; and 1890 B. C. A. Het. I., Pl. 30. f. 25. Nicaragua; Panama.
- 216 **taurina**
Edessa taurina Stål 1862 Stett. E. Z. XXIII. 109; and 1872 Svensk. Vet. Handl. 10. no. 4. p. 51; Distant 1880 op. cit. 88, Pl. 8. f. 11. Mexico; Guatemala.
- 217 **thoracica**
Edessa thoracica Dallas 1851 List 331. Colombia.
- 218 **thunbergii**
Edessa thunbergii Stål 1872 op. cit. 49. Colombia.
- 219 **tragelaphus**
† *Edessa tragelaphus* Breddin 1903 Soc. Ent. XVIII. 139. Ecuador.
- 220 **tragulus**
† *Edessa tragulus* Breddin 1903 l. c. Perú; Bolivia.
- 221 **triangularis**
Edessa triangularis Dallas 1851 List 320. Colombia.

- 222 **tribuaria** Mexico.
Edessa tribuaria Distant 1890 op. cit. 344, Pl. 32. f. 6.
- 223 **trifurca** Mexico; Guatemala;
Edessa trifurca Walker 1868 Cat. Het. III. 423; Distant 1881 Honduras.
 op. cit., Pl. 9. f. 10.
- 224 **tupi** nom. nov. Brazil.
 || *Edessa rutilans* Walker 1868 op. cit. 449.
- 225 **turpis** Fr. Guiana.
Edessa turpis Walker 1868 l. c.
- 226 **unicolor** Guatemala.
Edessa unicolor Distant 1881 B. C. A. Het. I. 95, Pl. 10. f. 3.
- 227 **urus** Ecuador.
 † *Edessa urus* Breddin 1903 Soc. Ent. XVIII. 139.
- 228 **ventralis** Guatemala.
Edessa ventralis Walker 1868 op. cit. 443; Distant 1880
 op. cit., Pl. 8. f. 12.
- 229 **verhoeffi** Colombia.
Edessa verhoeffi Breddin 1904 Sb. Ges. Fr. Berlin 149.
- 230 **vernica** Ecuador.
Edessa vernica Breddin 1905 Soc. Ent. XIX. 178.
- 231 **versicolor** Brazil; Argentine.
Edessa versicolor H-S. 1851 Wanz. IX. 314; Berg 1892 An.
 S. Cient. Arg. XXXIII. 46.
- 232 **vinula** Mexico; Guatemala;
Edessa vinula Stål 1862 Stett. F. Z. XXIII. 115; and 1872 Panama.
 Svensk. Vet. Handl. 10. no. 4. p. 56; Distant 1881
 op. cit., Pl. 9. f. 13.
- 233 **vitellina** Brazil.
Edessa vitellina H-S. 1851 op. cit. 313.
- 234 **vitulus** Br. Guiana.
 — — Stoll Pun. f. 252.
Edessa vitulus Fabricius 1803 Syst. Rh. 146; Stål 1868 Svensk.
 Vet. Handl. 7. no. 11. p. 35.
- 235 **xanthomelana** Brazil.
Edessa xanthomelana Walker 1868 op. cit. 436.
- 236 **zebu** Bolivia.
 † *Edessa zebu* Breddin 1903 Soc. Ent. XVIII. 139.
- 237 **sp.?** Argentine.
Edessa sp.? Sharp 1890 T. E. S. London 410, Pl. XIII. f. 14.
- 238 **satrapa** Bolivia.
Edessa satrapa Breddin 1901 Soc. Ent. XVI. 124.

Tribe 3.

Acanthosomini.

- Stål 1876 Svensk. Vet. Handl. 14. no. 4. pp. 108—15; (enumeration of palaearctic forms, and table of 17 genera).
- Stål 1865 Hem. Afr. I. 219—23; (account of Ethiopian forms, and table of 11 genera).
- Stål 1867 O. V. A. F. XXIV. 532—34; (table of 10 American genera).
- Distant 1902 Faun. Ind. Rh. I. 313—30; (account of Indo-Sinhalese forms).

The distribution of this subfamily is somewhat uneven, being poorly represented in America — outside Chile — and in Africa. Its representation in Australia (38 spp.), the Manchurian subregion (13 spp.) and Chile (17 spp.), is remarkable.

Genera	Australasian			Oriental			Ethiopian		Palearctic		American		Total Species
	Australia	New Zealand	Austro-Malayan	Indo-Malayan	Indochinese	Philippines	Africa	Mascarene	Palearctic proper	Manchurian	America (excl. Chile)	Chile, South Patagonia	
Sangarius	1	—	—	—	—	—	—	—	—	—	—	—	1
Aesepus	1	—	—	—	—	—	—	—	—	—	—	—	1
Agamedes	—	—	—	—	—	—	1	—	—	—	—	—	1
Abulites	—	—	—	—	—	—	1	—	—	—	—	—	1
Xosa	—	—	—	—	—	—	2	—	—	—	—	—	2
Galgacus	1	—	—	—	—	—	—	—	—	—	—	—	1
Proctophantasta	—	—	—	4	—	—	—	—	—	—	—	—	4
Anischys	2	—	—	—	—	—	—	—	—	—	—	—	2
Rhopalimorpha	1	2	—	—	—	—	—	—	—	—	—	—	3
Duadicus	1	—	—	—	—	—	—	—	—	—	—	—	1
Andriscus	7	—	—	—	—	—	—	—	—	—	—	—	7
Stauralia	4	—	—	—	—	—	—	—	—	—	—	—	4
Panaetius	2	—	—	—	—	—	—	—	—	—	—	—	2
Amphaces	9	—	—	—	—	—	—	—	—	—	—	—	9
Catadipson	—	—	—	—	—	—	1	—	—	—	—	—	1
Microdeuterus	—	—	—	3	2	2	—	—	—	—	—	—	7
Acanthosoma	—	—	—	—	5	—	—	—	13	5	4	—	26
Amphithigia	—	—	—	—	—	—	1	—	—	—	—	—	1
Oncaontias	—	1	—	—	—	—	—	—	—	—	—	—	1
Sastragala	—	—	—	4	12	3	—	—	—	1	—	—	19
Dichobothrium	—	—	—	4	—	—	—	—	—	—	—	—	4
Anaxandra	—	—	—	—	11	—	—	—	—	—	—	—	11
Galasastra	—	—	1	—	—	—	—	—	—	—	—	—	1
Stictocarenus	7	—	—	—	2	—	—	—	—	—	—	—	7
Elasmucha	2	—	—	1	10	2	—	—	7	7	—	—	27
Elasmotethus													
Noualhieridea	—	—	—	—	—	—	—	1	—	—	—	—	1
Cyphostethus	—	—	—	—	—	—	—	—	1	—	—	—	1
Bebaeus	—	—	—	—	—	—	—	—	—	—	1	—	1
Blaudus	—	—	—	—	—	—	—	—	—	—	1	—	1
Phorbanta	—	—	—	—	—	—	—	—	—	—	—	1	1
Lanopis	—	—	—	—	—	—	—	—	—	—	1	3	4
Sinopla	—	—	—	—	—	—	—	—	—	—	1	—	1
Hellica	—	—	—	—	—	—	—	—	—	—	—	1	1
Sniploa	—	—	—	—	—	—	—	—	—	—	—	1	1
Nopalis	—	—	—	—	—	—	—	—	—	—	3	—	3
Planois	—	—	—	—	—	—	—	—	—	—	1	—	1
Cylindrocneema	—	—	—	—	—	—	—	—	—	—	—	1	1
Ditomotarsus	—	—	—	—	—	—	—	—	—	—	5	—	5
Praesus	—	—	—	—	—	—	—	—	—	—	1	—	1
Hyperbius	—	—	—	—	—	—	—	—	—	—	—	1	1
Laccophorella	—	—	—	—	—	—	1	—	—	—	—	—	1
													96

Summary: Australasian 42; Oriental 63; Ethiopian 8; Palearctic 34; America 26.

Sangarius.

Stål 1865 Hem. Afr. I. 219 (type *paradoxus*).

W. Australia.

1 *paradoxus*

Sangarius paradoxus Stål 1866 Berlin. E. Z. X. 157.

Aesepus.

Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 108 a. 110 (type *signoretii*).

1 **signoretii**

Australia.

Aesepus signoretii Stål 1876 op. cit. 110.

A. signoretii Leth. et Sev. 1893 Cat. Hém. I. 250.

Agamedes.

Stål 1876 op. cit. 109 a. 110 (type *pilicornis*).

1 **pilicornis**

Cape Colony.

Agamedes pilicornis Stål 1876 op. cit. 111.

Abulites.

Stål 1876 op. cit. 109 a. 111 (type *sparsus*).

1 **sparsus**

Cape Colony.

Cimex sparsus Germar 1837 Silb. Rev. Ent. V. 174.

Raphigaster do. H-S. 1846 Wanz. VIII. 10, f. 786.

Anubis do. Stål 1865 Hem. Afr. I. 221.

Raphigaster fuscosparsus Stål 1853 O. V. A. F. X. 221.

Xosa.

|| *Anubis* Stål 1865 Hem. Afr. I. 220 a. 221; 1876 Svensk. Vet. Akad. Handl. 14. no. 4. p. 109 a. 111.

Xosa Kirkaldy 1904 Entom. XXXVII. 280 (type *fuscoirroratus*)

1 **fuscoirroratus**

Cape Colony.

Raphigaster fusco irroratus Stål 1853 O. V. A. F. X. 221.

Anubis do. Stål 1865 Hem. Afr. I. 222.

2 **lugubris**

Cape Colony.

Cimex lugubris Thunberg 1822 Hist. rostr. cap. II. 2.

Anubis do. Stål 1865 Hem. Afr. I. 222.

Acanthosoma impluviata Germar 1837 Silb. Rev. Ent. V. 182.

Raphigaster impluviatus H-S. 1846 Wanz. VIII. 9, f. 784.

Galgacus.

Distant 1899 A. M. N. H. (7) IV. 435; and 1901 op. cit. VIII. 62 (type *macer*).

1 **macer**

S. Australia.

Dictyotus macer Walker 1867 Cat. Het. I. 182.

Galgacus do. Distant 1899 a. 1901 loc. cit.

Proctophantasta.

Bredden 1903 Sb. Ges. Nat. Freunde Berlin 212 (type *colax*).

1 **colax**

Sumatra.

Proctophantasta colax Bredden 1903 op. cit. 213.

2 **diabolus**

Java.

Proctophantasta diabolus Bredden op. cit. 217.

3 **forficuloides**

Ceylon.

Proctophantasta forficuloides Distant 1906 A. S. F. Belg. I. 409.

4 **pseustes**

Sumatra.

Proctophantasta pseustes Bredden op. cit. 215.

5 **satanas**

Borneo.

Proctophantasta satanas Bredden loc. cit.

Anischys.

Dallas 1851 List 197 a. 292 (type *luteovarior*).

1 **luteovarior**

N. and W. Australia
Victoria.

Pentatoma luteovarior [Westwood] 1837 Hope Cat. I. 45.

Anischys luteovarius Dallas 1851 op. cit., Pl. IX. f. 5; Van
Duzee 1905 Bull. Amer. Mus. N. H. XXI. 212.

Rhopalimorpha.

Rhopalimorpha Dallas 1851 op. cit. 197 (type *obscura*).

Rhopalimorpha Mayr 1866 Novara Exp. Zool. II. Hem. 74; Stål 1876 Svensk. Ak.
Handl. 14. no. 4. pp. 109 a. 111.

1 **humeralis**

Rhopalimorpha humeralis Walker 1867 Cat. Het. II. 376.

Queensland.

2 **ignota**

Rhopalimorpha ignota Hutton 1898 Tr. N. Zealand Inst.
XXX. 159.

Chatham Isls.

3 **obscura**

Rhopalimorpha obscura A. White in Dallas 1851 op. cit. 293;
Butler 1874 Voy. Erebus et Terror, Pl. 7. f. 8; Hutton
1898 Tr. N. Zealand Inst. XXX. 171.

New Zealand.

4 **similis**

Rhopalimorpha similis Mayr 1865 Verh. zool. bot. Ges. Wien
XIV. 912.
Rhopalimorpha do. Mayr 1866 Novara Exp. loc. cit., Pl. 2. f. 14.
Rhopalimorpha obscura F. B. White (p.) 1878 Ent. Mo. Mag.
XIV. 277.

New Zealand.

Duadicus.

Dallas 1851 List 197 a. 293; Stål 1876 op. cit. 109 a. 112 (type *pallidus*).

1 **pallidus**

Duadicus pallidus Dallas 1851 op. cit. 294, Pl. IX. f. 6.

New South Wales;
Victoria.

Andriscus.

Stål 1876 op. cit. 109 a. 112 (type *recurvus*).

1 **angularis**

Andriscus angularis Reuter 1881 Berlin. E. Z. XXV. 68.

Australia.

2 **armatus**

Rhaphigaster (?) *armatus* Dallas 1851 List 291.

N. S. Wales.

3 **bifasciculatus**

Andriscus bifasciculatus Reuter 1881 op. cit. 67.

Australia.

4 **cinctus**

Andriscus cinctus Van Duzee 1905 Bull. Amer. Mus. XXI. 213.

Victoria.

5 **recurvus**

Duadicus recurvus Walker 1867 Cat. Het. II. 376.

N. and W. Australia
N. S. Wales.

6 **telifer**

Duadicus telifer Walker 1867 op. cit. 377.

Queensland.

7 **terminalis**

Andriscus terminalis Van Duzee 1905 l. c.

Victoria.

Stauralia.

Dallas 1851 List 197 a. 294; Stål 1876 op. cit. 112 (type *chloracantha*).
"Australia."

1 **chloracantha**

Stauralia chloracantha Dallas 1851 op. cit. 295, Pl. X. f. 1.

Victoria.

2 **compuncta**

Stauralia compuncta Bergroth 1895 P. Roy. Soc. Victoria
VII. 291.

S. Australia.

3 **crassicornis**

Stauralia crassicornis Walker 1867 Cat. Het. II. 377.

Victoria.

4 **terminalis**

Stauralia terminalis Walker 1867 op. cit. 378.

Panaetius.

Panaetius Stål 1865 Hem. Afr. I. 220; and 1876 Svensk. Vet. Handl. 14. no. 4 pp. 109 a. 112 (type *lobulatus*).

Ucia Walker 1867 Cat. Het. II. 407 (type *mutilata* = *lobulatus*).

Panoetius Leth. et Sev. 1893 Cat. Hém. I. 251.

1 **lobulatus**

N. and E. Australia

Panaetius lobulatus Stål 1866 Berlin. E. Z. X. 157.

Ucia mutilata Walker 1867 op. cit. 408.

2 **trabifer**

New South Wales.

Panoetius trabifer Horváth 1902 Termész. füzet. XXV. 602.

Amphaces.

Dallas 1851 List 198 a. 295; Stål 1876 Svensk. Ak. Handl. 14. no. 4. pp. 109 a. 112 (type *ferruginea*).

1 **angularis**

N. and W. Australia.

Amphaces angularis Reuter 1881 op. cit. 70.

2 **angustula**

W. Australia.

Amphaces angustula Reuter 1881 op. cit. 72.

3 **ferruginea**

S. Australia; Tasmania.

Amphaces ferruginea Dallas 1851 List 295, Pl. X. f. 2.

4 **languida**

New South Wales; N. and W. Australia; Victoria.

Amphaces languida Stål 1859 Eugenie's Resa, Ins. 230; Reuter 1881 op. cit. 69.

5 **maculicollis**

N. Australia.

Amphaces maculicollis Reuter 1881 op. cit. 71.

6 **marginata**

N. and W. Australia; N. South Wales.

Amphaces marginata Reuter 1881 op. cit. 68.

7 **proxima**

Australia.

Amphaces proxima Dallas 1851 List 296.

8 **V-album**

N. Australia.

Amphaces V-album Reuter 1881 op. cit. 72.

9 **virescens**

Australia.

Amphaces virescens Dallas 1852 T. E. S. London (2) II. 14, Pl. I. f. 6.

Catadipson.

Bredden 1903 Soc. Entom. XVIII. 90; and 1906 Wien. Ent. Zeit. XXV. 198 (type *aper*).

1 **aper**

Fernando Po.

Catadipson aper Bredden 1903 Soc. Ent. XVIII. 90; and 1906 Wien. Ent. Zeit. XXV. 199.

2 **sus**

Togoland.

Catadipson sus Bredden 1906 op. cit. 198.

Microdeuterus.

Dallas 1851 List 198 a. 299; Stål 1871 O. V. A. F. XXVII. 640; and 1876 Svensk. Vet. Ak. Handl. 14. no. 4. pp. 110 a. 112 (type || *megacephalus* Dall. = *dallasi*).

1 **aequalis**

Sarawak.

Microdeuterus aequalis Walker 1867 Cat. Het. II. 390.

2 **dallasi**

Northern India.

|| *Microdeuterus megacephalus* Dallas 1851 List Pl. X. f. 4.
Microdeuterus dallasi Atkinson 1888 J. Asiat. Soc. Bengal LVIII, pt. 2. p. 21; Distant 1902 Faun. Ind. Rh. I. 315, f. 197.

3 **dohrni**

Sumatra.

Microdeuterus dohrni Bredden 1900 Stett. E. Z. LXI. 335.

- 4 insulanus**
 || *Microdeuterus megacephalus* Stål 1871 O. V. A. F. XXVII. 640.
M. insulanus Stål 1876 Svensk. Ak. Handl. 14. no. 4. p. 113. Philippine Is.
- 5 javanus**
Microdeuterus javanus Breddin 1903 Sb. Ges. Nat. Freunde
 Berlin 218. Java.
- 6 megacephalus**
Acanthosoma megacephalum H-S. 1846 Wanz. VIII. 5, fig. 783
 and B. India; Burma.
Microdeuterus megacephalus Distant 1902 Faun. Ind. Rh. I. 314.
- 7 pallescens**
Microdeuterus pallescens Stål 1871 O. V. A. F. XXVII. 641. Philippine Is.
- Acanthosoma.**
- Curtis 1824 Brit. Ent. I. 28; Fieber 1861 Eur. Hem. 327; Stål 1876 Svensk. Vet.
 Akad. Handl. 14. no. 4. pp. 110 a. 113; Bergroth 1907 Ent. News XVIII.
 49 (type *haemorrhoidalis*).
 § Ballowitz 1894 Intern. Monatschr. Anat. Phys. XI. ex 217—41 (embryology).
- 1 angulata**
Acanthosoma angulatum Jakovlev 1880 Bull. S. N. Moscou
 LV (2). 387 a. 397. E. Siberia.
- 2 axillaris**
Acanthosoma axillaris Jakovlev 1889 H. S. Ent. Ross. XXIII. 52. E. Siberia.
- 3 corallifera**
Acanthosoma corallifera Horváth 1892 Termész. füzet. XII. 34. N. India.
A. coralliferum Distant 1902 Faun. Ind. Rh. I. 316.
- 4 crassicauda**
Acanthosoma crassicaudum Jakovlev 1880 Bull. S. N. Mos-
 cou LV (2) 386 a. 390. E. Siberia.
- 5 denticauda**
Acanthosoma denticaudum Jakovlev 1880 op. cit. 387 a. 394;
 Reuter 1888 Rev. Ent. VII. f. 2 (on p. 202). E. Siberia.
A. serratula Reuter 1881 Berlin. E. Z. XXV. 74.
- 6 difficileis**
Acanthosoma difficile Dallas 1851 List 304. — ?
- 7 distincta**
Acanthosoma distinctum Dallas 1851 loc. cit.; Distant 1902
 Faun. Ind. Rhynch. I. 316, f. 198. Japan; N. India.
- 8 dubia**
Acanthosoma dubium Dallas 1851 loc. cit.; — ?
- 9 expansa**
Acanthosoma expansum Horváth 1905 Ann. Mus. Hung. III. 413. Japan.
- 10 forcipata**
Acanthosoma forcipatum Reuter 1881 Berlin. E. Z. XXV. 76. Turcomania.
- 11 forfex**
Acanthosoma forfex Dallas 1851 op. cit. 308; Distant 1902
 op. cit. 317. N. India.
- 12 forficula**
Acanthosoma forficula Jakovlev 1880 op. cit. 387 a. 392. E. Siberia.
- 13 frater**
Acanthosoma frater Reuter 1881 op. cit. 73. E. Siberia.
- 14 haemorrhoidalis**
Cimex haemorrhoidalis Linneus 1758 Syst. Nat. (Ed. X.) 444. Europe; through to
Acanthosoma haemorrhoidalis Fieber 1861 Eur. Hem. 327; Siberia; Persia.
 Douglas and Scott 1865 Brit. Hem. I. Pl. 4. f. 1.
 || *C. bidens* Sulzer 1761 Kennz. Ins. 27, Pl. XI. f. 72.

- || *C. pabulinus* M. Harris 1781 Exp. Engl. Ins., 88, Pl. XXVI. f. 2.
C. sanguineotuberculatus Goeze 1778 Ent. Beytr. II. 275.
 || *C. pungens* Geoffroy 1785 in Fourcroy, Ent. Paris. 213.
C. carunculatus Gmelin 1789 Syst. Nat. (Ed. XIII), 2135.
C. retusus Thunberg 1822 Diss. rostr. capens. II. 5.

§§ de Geer 1773 Mém. III. Pl. 14. f. 8 (n.).

§ Variation in colouring. Lenke 1897 Entom. XXX. 78.

Foodplants: *Acer campestre*; *Betula alba*; *Crataegus oxyacantha*; *Lilium martagon*; *Populus tremula*; *Quercus robur*; *Tilia europaea*.

- 15 **korolkovi** Manchuria.
Acanthosoma korolkovi Jakovlev 1904 Rev. Russe Ent. IV. 292.
- 16 **labiduroides** E. Siberia.
Acanthosoma labiduroides Jakovlev 1880 Bull. S. N. Moscou LV. (2) 386 a. 387.
- 17 **proxima** N. India.
Acanthosoma proximum Dallas 1851 List 303; Distant 1902 Faun. Ind. Rh. I. 315.
- 18 **singhalensis** Ceylon.
Acanthosoma singhalense Distant 1902 op. cit. 317.
- 19 **spinirollis** E. Siberia.
Acanthosoma spinirollis Jakovlev 1880 Bull. S. Nat. Moscou LV. pt. 2. p. 387 a. 396.
- 20 **manchuriana** nom. nov. Manchuria.
Acanthosoma vicina Reuter 1902 Oefv. Finska Förh. XLIV. 146.
- 21 **virens** E. Siberia.
Acanthosoma virens Reuter 1881 Berlin. E. Z. XXV. 74.

Amphithegia.

Bredden 1905 Soc. Entom. XX. 12 (type *bicallulosa*).

- 1 **bicallulosa** E. Africa.
Amphithegia bicallulosa Bredden 1905 loc. cit.

Oncacantias.

Bredden 1903 Sb. Ges. Nat. Freunde Berlin 219 (type *brunneipennis* = *vittatus*).

- 1 **vittata** New Zealand [S. Africa in error, Fabr.]
Cimex vittatus Fabricius 1781 Spec. Ins. II. 349.
Acanthosoma vittatum Buller 1874 Voy. Erebus, Ins., Pl. VII, f. 1.
Anubis vittatus Hutton 1898 T. N. Zealand Inst. XXX. 171.
Oncacantias brunneipennis Bredden 1903 op. cit. 220.

Sastragala.

Amyot et Serville 1843 Hém. 155; Stål 1876 op. cit. 110 a. 113; 1903 Bredden Sb. Ges. Nat. Freunde Berlin 200 (type *uniguttata*).

- 1 **binotata** N. India; Burma.
Sastragala binotata Distant 1887 T. E. S. London 353, Pl. XII. f. 12; and 1902 Faun. Ind. Rh. I. 321.
- 2 **edessoides** India.
Sastragala edessoides Distant 1900 A. M. N. H. (7) VI. 228; *Yunnan*
 and 1902 Faun. Ind. 320.
- 3 **elongata** N. India.
Acanthosoma elongatum Dallas 1851 List 309.
Sastragala elongata Distant 1902 Faun. Ind. 320.

- 4 **firmata** China.
Cuspicona firmata Walker 1868 Cat. Het. III. 569.
- 5 **guttamellis** Java.
Sastragala guttamellis Breddin 1903 Sb. Ges. Nat. Freunde Berlin 203, f. 8.
- 6 **guttasanguinis** Java.
Sastragala guttasanguinis Breddin 1902 Wien. E. Z. XXI. 98; and 1903 Sb. Ges. Nat. Freunde Berlin 202, f. 7.
- 7 **hampsoni** India.
Sastragala hampsoni Distant 1900 A. M. N. H. (4) VI. 229; and Faun. Ind. 320.
- 8 **heterospila** India.
Acanthosoma heterospila Walker 1867 Cat. Het. II. 394.
Sastragala do. Distant 1902 Faun. Ind. 318, f. 199.
S. affinis Atkinson 1889 J. Asiat. S. Bengal LVII. pt. 2. p. 344.
- 9 **javanensis** Burma; Java.
Sastragala javanensis Distant 1887 T. E. S. London 353; and 1902 Faun. Ind. 319.
S. lunifera Breddin 1902 Wien. E. Z. XXI. 97.
S. javanica Breddin 1903 Sb. Ges. Nat. Freunde Berlin 201, f. 6.
- 10 **murecana** India.
Sastragala murecana Distant 1900 A. M. N. H. (7) VI. 228; and 1902 Faun. Ind. 320.
- 11 **mustelina** Assam.
Sastragala mustelina Distant 1887 T. E. S. London 352.
- 12 **notata** Philippine Is.
Acanthosoma notatum Dallas 1851 List 310.
- 13 **obtusispina** Philippine Is.
Sastragala obtusispina Stål 1871 O. V. A. F. XXVII. 638; and 1876 Svensk. Vet. Ak. Handl. 14. no. 4. p. 113.
- 14 **parmata** N. India.
Sastragala parmata Distant 1887 T. E. S. London 353; and 1902 Faun. Ind. 319.
- 15 **rufispina** N. India.
Sastragala rufispina Distant 1887 op. cit. 352; and 1902 loc. cit.
- 16 **scutellata** Japan.
Acanthosoma scutellata Scott 1874 A. M. N. H. (4) XIV. 301.
- 17 **smaragdina** Ceylon.
Sastragala smaragdina Distant 1903 A. M. N. H. (7) XI. 72.
- 18 **spiculigera** Philippine Is.
Sastragala spiculigera Stål 1871 O. V. A. F. XXVII. 639.
- 19 **subducta** Papua.
Acanthosoma subducta Walker 1867 Cat. Het. II. 396.
- 20 **tristicta** Celebes.
Sastragala tristicta Breddin 1901 Abh. Nat. Ges. Halle XXIV. 64.
- 21 **variolosa** Java.
Acanthosoma variolosa [Westwood] 1837 Hope Cat. I. 30.
Sastragala do. Distant 1900 P. Z. S. London 818, Pl. LIII. f. 3.
- 22 **uniguttata** Assam.
Cimex uniguttatus Donovan (?) 1801¹⁾ Ins. Ind. Hem. Pl. 8. f. 5.
Sastragala uniguttata Distant 1902 Faun. Ind. 318.

¹⁾ Usually cited as 1800, but that date is not accepted by Sherborn. I can not refer to the work.

Dichobothrium.

Bredden 1903 Sb. Ges. Nat. Freunde Berlin 207 (type *sastragaloides*!)

- 1 **elasmotethoides** Java.
Dichobothrium elasmotethoides Bredden 1903 op. cit. 210.
- 2 **kraepelini** Java.
Dichobothrium kraepelini Bredden 1905 Beih. Jb. Hamb. Wiss. Anst. XXII. (2) 117.
- 3 **sastragaloides** Java.
Dichobothrium sastragaloides Bredden 1903 Sb. Ges. Nat. Freunde Berlin 208.
- 4 **tenuispinum** Java.
Dichobothrium tenuispinum Bredden 1903 op. cit. 209.

Anaxandra.

Stål 1876 Svensk. Ak. Handl. 14. no. 4. pp. 110 a. 113 (type *rufescens*).

- 1 **alaticornis** India
Acanthosoma alaticornis Walker 1868 Cat. Het. III. 573.
Anaxandra do. Distant 1902 Faun. Ind. 324.
- 2 **bovilla** Assam.
Anaxandra bovilla Distant 1900 A. M. N. H. (7) VI. 229; and 1902 Faun. Ind. 325.
- 3 **compacta** India; Assam; Burma
Anaxandra compacta Distant 1887 T. E. S. London 355; and 1902 Faun. Ind. 325.
- 4 **cornuta** N. India.
Acanthosoma cornutum Dallas 1849 T. E. S. London V. 193, Pl. 19. f. 6.
Anaxandra cornuta Distant 1902 Faun. Ind. 323.
- 5 **hamata** N. India.
Anaxandra hamata Reuter 1881 Berlin. E. Z. XXV. 78; Distant 1902 op. cit. 322.
- 6 **laevicornis** India; N. W. Provinces.
Acanthosoma laevicorne Dallas 1851 List 311.
Anaxandra laevicornis Distant 1902 op. cit. 323, f. 200.
- 7 **nigricornis** N. India.
Acanthosoma nigricornis Walker 1868 Cat. Hem. III. 574.
Anaxandra nigrocornuta Reuter 1881 op. cit. 77.
A. nigricornis Distant 1902 op. cit. 324.
- 8 **nigrolineata** N. India.
Anaxandra nigrolineata Stål 1876 Svensk. Ak. Handl. 14. no. 4. p. 114; Distant 1902 op. cit. 325.
A. fulvicornis Distant 1887 T. E. London 354.
- 9 **rufescens** N. India.
Acanthosoma rufescens Dallas 1851 List 311.
Anaxandra do. Distant 1902 Faun. Ind. 322.
- 10 **sigillata** India; Burma.
Anaxandra sigillata Stål 1876 op. cit. 114; Distant 1902 op. cit. 326.
- 11 **tauriformis** Assam.
Anaxandra tauriformis Distant 1887 T. E. S. London 354; and 1902 Faun. Ind. 324.

11. *taurina* p. 368

Galasastra.

Bredden 1903 Sb. Ges. Nat. Freunde Berlin 205 (type *salebrosa*).

- 1 **salebrosa** Papua.
Galasastra salebrosa Bredden 1903 op. cit. 206.

Stictocarenus.

Stal 1871 O. V. A. F. XXVII. 638; and 1876 Svensk. Ak. Handl. 14. no. 4. pp. 110 a. 114; Breddin 1903 Sb. Ges. Nat. Fr. Berlin 211 (type *tacniola* = *ligatus*).

- 1 **chlorophilus**
Acanthosoma chlorophila Walker 1867 Cat. Het. II. 398. Australia.
- 2 **ligatus**¹⁾
Rhynchocoris ligatus Erichson 1842 Arch. Ent. VIII. 278. Tasmania; Victoria
Cuspicona? tacniola Dallas 1851 List 299. New South Wales.
Stictocarenus taeniola Reuter 1881 op. cit. 80.
Stictocarenus ligatus Breddin 1903 Sb. Ges. Nat. Fr. Berlin 211.
- 3 **nieropunctatus**
Stictocarenus nieropunctatus Reuter 1881 Berlin. E. Z. Australia.
XXV. 79.
- 4 **obtusius**
Stictocarenus obtusus Reuter 1881 loc. cit. South Australia.
- 5 **placidus**
Acanthosoma placida Walker 1867 Cat. Het. II. 397. South Australia.
- 6 **subrufescens**
Stictocarenus subrufescens Van Duzee 1905 Bull. Amer. Mus. Victoria.
XXI. 214.
- 7 **suffusus**
Stictocarenus suffusus Distant 1900 A. M. N. H. (7) VI. 230. King Is. (in the Bass Straits).

Elasmucha.

|| *Clinocoris* Hahn 1834 Wanz. Ins. II. 70; Stal 1876 Svensk. Vet. Handl. 14. no. 4. pp. 110 a. 114 (type *ferrugator* = *ferrugata*).
Sastragala Fieber 1860 Eur. Hem. 78 (not Am. et Serv.).
Elasmucha Stål 1864 A. S. E. France (4) IV. 54; Bergroth 1907 Ent. News XVIII. 49 (type *ferrugatus*).
Meadorus Mulsant et Rey 1867 A. S. Linn. Lyon XIV. 238 (type *interstinctus* = *griseus*).
Elasmotethus Leth. et Sev. 1893 Cat. Hém. I. 255 (not Fieber).

- 1 **antennata**
Clinocoris antennatus Reuter 1885 Ent. Mo. Mag. XXII. 38. Greece; Syria.
figs. b, e, k and q.
- 2 **aspera**
Acanthosoma aspera Walker 1867 Cat. Het. II. 395. N. India.
Elasmotethus asperum Distant 1902 Faun. Ind. I. 330.
- 3 **dorsalis**
Elasmotethus dorsalis Jakovlev 1876 Bull. Soc. Nat. Moscou pt. 2. p. 106. Siberia; N. China.
*Clinocoris stål*i J. Sahlberg 1878 Svensk. Vet. Ak. Handl. 16. no. 4. p. 16.
*Elasmotethus david*i G. Fallou 1891 Rev. Entom. X. 7.
Clinocoris dorsalis Reuter 1885 Ent. Mo. Mag. XXII. 38, figs. i and r.
- 4 **emerita**
Cimex emeritus Fabricius 1775 Syst. Ent. 705; and 1803 Syst. Rhyng. 162. Australia.
- 5 **fasciator**
Cimex fasciator Fabricius 1803 Syst. Rhyng. 166. China.
Elasmucha do. Stål 1868 Svensk. Vet. Ak. Handl. 7. no. 11. p. 39.
- 6 **ferrugata**
Cimex ferrugatus Fabricius 1787 Mant. Ins. II. 382. Europe; Caucasus; E. Siberia.

¹⁾ This species varies considerably in amount and depth of redness.

- || *C. ictericus* Petagna 1787 Spec. Ins. Cal. 41.
C. adustus Gmelin 1789 Syst. Nat. (Ed. XIII) 2148.
C. ferrugator Fabricius 1794 Ent. Syst. IV. 101.
C. bispinus Panzer 1795 Faun. Germ. XXVI. f. 23.
Clinocoris ferrugator Hahn 1834 Wanz. II. 72, f. 159.
Elasmucha ferrugata Reuter 1888 Act. Soc. Sci. Fenn. XV.
 511 (with full syn.).
Clinocoris ferrugatus Reuter 1885 Ent. Mo. Mag. XXII. 38,
 figs. h and s.
 Foodplants: *Crataegus oxyacantha*; *Myrtillus nigra*; *Ribes*
glossulariata; *Rubus fruticosus*. In woods, especially
 of Coniferae.
- 7 **ferruginosa** Philippine Is.
Elasmucha ferruginosa Stål 1871 O. V. A. F. XXVII. 640.
- 8 **graminea** Japan.
Clinocoris gramineus Distant 1883 T. E. S. London 426,
 Pl. XIX. f. 8.
- 9 **grisea** Europe; Siberia.
Cimex griseus Linneus 1758 Syst. Nat. (Ed. X.) 445.
 || *C. betulae* de Geer 1773 Mém. III. 261, Pl. XIV. f. 9.
C. alni Ström 1783 Nye Saml. Danske Skrift. II. 69, f. 31 (n.).
C. agathinus Fabricius 1794 Ent. Syst. IV. 114.
Elasmucha interstincta Reuter 1888 Act. Soc. Sci. Fenn. 513
 (with full syn.).
Acanthosoma interstinctum Saunders 1892 Hem. Het. Brit.
 Isl. 40, Pl. 4. f. 3.
Clinocoris interstinctus Reuter 1885 Ent. Mo. Mag. XXII. 39,
 figs. a. d. l. n. and p.
 Foodplants: *Alnus glutinosa*; *Betula alba*; *Pinus*.
 § This species is celebrated for its maternal instincts. Cf.
 de Geer 1773 Mém. III. 261—66; Fabre 1901 Rev.
 Quest. Sci. L. 158—76; and 1903 Souv. Ent. VIII.
 80—87; Kirkaldy 1903 Entom. XXXVI. 113—20; and
 1904 Rep. Smiths. Inst. for 1903, pp. 577—85 (in the
 last two are appended bibliographies); Schouteden
 1903 Rev. Univ. Bruxelles VIII. 771—77 etc.
 §§ de Geer op. cit., Pl. XIV. f. 10—11 (n—a).
 § Gulde 1902 Ber. Senck. Ges., Pl. VII. f. 1—2 (stinkglands).
- 10 **lateralis** Canada; United
States; Mexico.
Edessa lateralis Say 1831 (?) Descr. Het. Hem. p. 3; and
 1859 Compl. Writ. I. 312.
E. nebulosa W. Kirby 1837 Richardson's Fauna Bor. Amer.
 IV. 276; and 1878 Can. Ent. X. 138.
Acanthosoma laterale Distant 1881 Biol. Centr. Amer., Het.
 I. 101, Pl. 10. f. 5.
- 11 **lewisi** India (Nilgiri Hills);
Ceylon.
Elasmotethus lewisi Distant 1900 A. M. N. H. (7) VI. 232;
 and 1902 Faun. Ind. Rh. I. 328.
- 12 **linea** Australia.
Acanthosoma linea Dallas 1851 List 308.
- 13 **lineata** N. India.
Acanthosoma lineatum Dallas 1849 T. E. S. London V. 194.
A. binotata Walker 1867 Cat. Het. II. 395.
Clinocoris maculata Distant 1887 T. E. S. London 355.
Elasmotethus lineatum Distant 1902 Faun. Ind. Rh. I. 329.
- 14 **longirostris** Philippine Is.
Elasmucha longirostris Stål 1871 O. V. A. F. XXVII. 639.

- 15 ? **minax**
Elasmostethus minax Breddin 1903 Sb. Ges. Nat. Fr. Berlin 204. Java.
- 16 **necopinata** nom. nov.
|| *Elasmostethus nebulosus* Distant 1900 A. M. N. H. (7) VI. 231. Assam.
E. nebulosus Distant 1902 Faun. Ind. I. 327.
- 17 **nilgirensis**
Elasmostethus nilgirensis Distant 1900 loc. cit. India; Nilgiri Hills.
E. nilgirensis Distant 1902 loc. cit.
- 18 **nubila**
Acanthosoma nubilum Dallas 1851 List 305. China, Hongkong.
- 19 **piceicolor**
Acanthosoma piceicolor [Westwood] 1837 Hope Cat. I. 30. Europe; Siberia.
A. affinis [Westwood] l. c. [North America in error.]
Elasmostethus fieberi Jakovlev 1864 Utchyen. Zap. Kazan. Univ. I. 125.
Clinocoris do. Reuter 1880 Ent. Tidskr. I. 135.
C. griseus Reuter 1885 Ent. Mo. Mag. XXII. 39, figs. c. g. m. and o.
Foodplants: *Abies excelsa*; *Betula alba*.
- 20 **prominula**
Clinocoris prominula Reuter 1881 Berlin. E. Z. XXV. 81. Ethiopian Egypt; White Nile.
- 21 **punctata**
Acanthosoma punctatum Dallas 1851 List 306. N. India.
Elasmostethus do. Distant 1902 Faun. Ind. Rh. I. 326, f. 201.
- 22 **putoni**
Elasmucha putoni Scott 1874 A. M. N. H. (4) XIV. 302. Japan.
- 23 **recurva**
Acanthosoma recurvum Dallas 1851 List 310. N. India.
Elasmostethus recurvum Distant 1902 Faun. Ind. I. 328.
- 24 **rufescens**
Elasmostethus rufescens Jakovlev 1890 H. S. Ent. Ross. XXIV. 548. China; Sz' chuen.
- 25 **scotti**
Clinocoris scotti Reuter 1881 Berlin. E. Z. XXV. 82. Japan.
- 26 **scutellata**
Clinocoris scutellata Distant 1887 T. E. S. London 355. Assam.
Elasmostethus scutellatum Distant 1902 Faun. Ind. I. 329.
- 27 **signoreti**
Elasmucha signoreti Scott 1874 A. M. N. H. (4) XIV. 303. Japan.
- 28 **truncatula**
Acanthosoma truncatula Walker 1867 Cat. Het. II. 396. N. India; Assam.
Clinocoris cruciger Reuter 1881 Berlin. E. Z. XXV. 80.
Elasmostethus truncatulum Distant 1902 Faun. Ind. I. 329.

Elasmostethus.

- Elasmostethus* Fieber 1860 Eur. Hem. 78; Bergroth 1907 Ent. News XVIII. 49 (type *dentatus* = *interstinctus*).
Oxydatus Mulsant et Rey 1867 A. S. Linn. Lyon XIV. 247 (same type).
Elasmotostethus Marshall 1868 Ent. Mo. Mag. IV. 281 (new name).
- 1 **atricornis**
Acanthosoma atricornis Van Duzee 1904 T. Amer. E. S. XXX. 75. Canada; United States.
- 2 **cooleyi**
Acanthosoma cruciata var. *cooleyi* Van Duzee 1904 op. cit. 74. North America.

3 *cruciatus*

Edessa cruciata Say 1831 (?) Descr. Het. Hem. p. ?; and 1859 Compl. Writ. I. 311.
Acanthosoma borealis [Westwood] 1837 Hope Cat. I. 30.
A. cruciata Lugger 1900 Rep. Ent. Minnesota Agr. Sta. VI, f. 83.

Canada and Northern
United States.

4 *humeralis*

Elasmostethus humeralis Jakovlev 1883 Rev. mens. ent. 15; and Bull. S. N. Moscou LVIII. (1) 426.

E. Siberia.

5 *interstinctus*

Cimex interstinctus Linnaeus 1758 Syst. Nat. (Ed. X.) 445.
C. dentatus de Geer 1773 Mém. III. 260.
C. haemagaster Schranck 1781 Ins. Austr. 270.
 || *C. bidens* Gmelin 1789 Syst. Nat. (Ed. XIII.) 2149.
C. arboreus Gmelin op. cit. 2160.
 || *C. collaris* Fabricius 1803 Syst. Rhyng. 170.
Pentatomia liturata Latreille 1804 Hist. Nat. Ins. XII. 192.
P. stollii Lep. et Serv. 1825 Enc. Méth. X. 53.
Acanthosoma haematogaster Burmeister 1835 Handb. Ent. II. 360.
A. dentatum Saunders 1892 Hem. Het. Brit. Isl. 39, Pl. 4. f. 2.
Elasmostethus interstinctus Horváth 1899 Termész. füzet. XXII. 367.

Europe; Siberia; N.
China (and Hong-
kong); Japan.

Foodplants: *Alnus viridis*; *Betula alba*; *Populus tremula*.

6 *matsumurae*

Elasmostethus matsumurae Horváth 1899 Termész. füzet. XXII. 366.

Japan.

7 *minor*

Elasmostethus minor Horváth 1899 op. cit. 445; Royer 1906 B. S. E. France 287, figs.

France; Hungary;
Russia.

Noualhieridia.

Breddin 1898 Ent. Nachr. XXIV. 266 (type *ornatula*).

1 *ornatula*

Noualhieridia ornatula Breddin op. cit. 267.

Madagascar.

Cyphostethus.

Fieber 1860 Eur. Hem. 78; Stål 1865 Hem. Afr. I. 220 (type *lituratus* = *tristriatus*).

1 *tristriatus*

Europe.

Cimex tristriatus Fabricius 1787 Mant. Ins. II. 293.
 || *C. lituratus* Panzer 1797 Faun. Germ. XL, f. 19.
Acanthosoma picta Curtis 1824 Brit. Ent. I, Pl. 28; Douglas and Scott 1865 Brit. Het. 105, Pl. 4. f. 2.
A. picta Newmann 1833 Ent. Mag. I. 287 (as n. sp.).
A. clypeata Burmeister 1835 Handb. Ent. II. 361.
A. pictipenne Curtis 1852 T. E. S. London (2) I. 271.
A. tristriatus Sharp 1890 T. E. S. London, Pl. XIII. f. 19 (pygophor.).
A. tristriatum Saunders 1892 Hem. Het. Brit. Isl. 41, Pl. 4. f. 4.

Foodplant: *Juniperus communis*.

Bebaeus.

Dallas 1851 List 197 a. 312; Stål 1872 Svensk. Ak. Handl. 10. no. 4. p. 61 (type *punctipes*).

1 *punctipes*

Bebaeus punctipes Dallas 1851 List 312, Pl. X. f. 6.

Colombia; Venezuela.

Blaudus.Stål 1872 loc. cit. (type *ruficornis*).**1 ruficornis***Blaudus ruficornis* Stål 1872 op. cit. 62.

Colombia.

Phorbanta.Stål 1867 O. V. A. F. XXIV. 533; and 1872 op. cit. supra p. 62 (type *variabilis*).**1 variabilis***Lanopis variabilis* Signoret 1863 A. S. E. France (4) III. 585.

Chile; S. Patagonia.

Phorbanta variabilis Stål 1872 l. c.**Lanopis.¹⁾**Signoret 1863 A. S. E. France (4) III. 549 a. 554; Stål 1867 O. V. A. F. XXIV. 533 (type *rugosus*).**1 rugosus***Lanopis rugosus* Signoret 1863 op. cit. 554, Pl. 12. f. 18.

Chile (incl. Chiloe Isl.).

?2 testaceus*Lanopis testaceus* Reed 1899 Rev. Chileñ. III. 7.

Chile.

Sinopla.¹⁾Signoret 1863 loc. cit. 548 a. 552; Stål 1867 op. cit. 533 (type *perpunctatus*).**1 bicallous***Sinopla bicallousa* Stål 1872 Svensk. Ak. Handl. 10. no. 4. p. 62.

Colombia.

?2 canaliculus*Sinopla canaliculus* Reed 1898 Rev. Chileñ. II. 160.

Chile.

3 humeralis*Sinopla humeralis* Signoret 1863 op. cit. 553.

Chile.

4 perpunctatus*Sinopla perpunctatus* Signoret 1863 op. cit. 552, Pl. 12. f. 16.

Chile.

Hellica.Stål 1867 O. V. A. F. XXIV. 533 (type *nitida*).**1 nitida***Hellica nitida* Haglund 1868 Stett. E. Z. XXIX. 161.

Brazil; Amazons.

Sniploa.¹⁾Signoret 1863 op. cit. 549 a. 553; Stål 1867 op. cit. 534 (type *obsoletus*).**1 obsoletus***Sniploa obsoletus* Signoret 1863' op. cit. 554, Pl. 12. f. 17.

Chile.

Nopalis.¹⁾Signoret 1863 op. cit. 548 a. 550; Stål 1867 loc. cit. (type *sulcatus*).**1 crassicornis***Nopalis crassicornis* Reed 1898 Rev. Chileñ. II. 156.

Chile.

2 rogersi*Nopalis rogersi* Reed 1872 Ann. Univ. Chil. XLI. 355; Berg 1900 Ann. Mus. Buenos Aires VII. 84.

Chile.

3 sulcatus*Nopalis sulcatus* Signoret 1863 op. cit. 551, Pl. 12. f. 15.

Chile.

¹⁾ These anagrams of "Spinola" were all treated by Signoret as masculine.

Planois.¹⁾

Signoret 1863 op. cit. 548 a. 551; Stål 1867 loc. cit. (type *bimaculatus*).

1 *bimaculatus*

Chile (incl. Chiloe Isl.).

Planois bimaculatus Signoret op. cit. 551, Pl. 11. f. 2.

Cylindrocnema.

Mayr 1865 Verh. zool. bot. Ges. Wien XIV. 912; and 1866⁴ Novara Exped. Zool. II. Hem. 76 (type *plana*).

1 *plana*

Chile (incl. Chiloe Isl.).

Cylindrocnema plana Mayr 1865⁴ op. cit. 913; and 1866 op. cit. p. 78, Pl. 2. f. 15.

Ditomotarsus.

Ditomotarsus Spinola 1850 Mem. Soc. Ital. Sci. Modena XXV. 36; and 1852 in Gay, Hist. Chile Zool. VII. 125; Signoret 1863 A. S. E. France (4) III. 548; Stål 1867 O. V. A. F. XXIV. 534 (type *gayi*).

Ruscoba Stål 1858 O. V. A. F. XV. 436 (type *sanguineiventris* = *gayi*).

1 *cumingii*

Chile.

Pentatoma cumingii [Westwood] 1837 Hope Cat. I. 44.

Ditomotarsus cumingi Berg 1900 An. Mus. Buenos Aires VII. 90.

2 *gayi*

Chile (incl. Chiloe); S. Patagonia; Tierra del Fuego.

Ditomotarsus gayi Spinola 1852 op. cit. 127 Hem. Pl. 1. f. 8; Signoret 1863 A. S. E. France (4) III. 549; Berg 1894 A. S. Cient. Argent. XVII. 103; Breddin 1897 Hamb. Magalh. Sammelr. Hem. p. 4 a. 25.

D. punctiventris Spinola 1852 op. cit. 129, Pl. 1. f. 9.

Ruscoba sanguineiventris Stål 1858 op. cit. 437.

? *Ditomotarsus hyadesi* Signoret 1885 A. S. E. France (6) V. 64.

3 *impluviatus*

Chile.

Ditomotarsus impluviatus Blanchard 1852 in Gay op. cit. 130; Signoret 1863 op. cit. (4) III. 549.

4 *uribei*

Chile.

Ditomotarsus uribei Reed 1872 Ann. Univ. Chil. XLI. 355.

Praesus.

Stål 1872 Svensk. Ak. Handl. 10. no. 4. p. 63 (type *incarnatus*).

1 *incarnatus*

Colombia.

Praesus incarnatus Stål op. cit. 64.

Hyperbius.

Stål 1867 O. V. A. F. XXIV. 534 (type *geniculatus*).

1 *geniculatus*

Chile; S. Patagonia.

Ditomotarsus (?) *geniculatus* Signoret 1863 A. S. E. France (4) III. 549, Pl. 12. f. 14.

Laccophorella.

Horváth 1904 Ann. Mus. Hung. II. 270 (type *bornemiszae*)

1 *bornemiszae*

E. Africa.

Laccophorella bornemiszae Horváth loc. cit.

Pseudostollia.

Breddin 1901 Abh. Nat. Ges. Halle XXVI. 65 (type *delicatula*).

1 *delicatula*

Celebes.

Acanthosoma delicatula Walker 1867 Cat. Het. II. 397.

Mormidea erythrospila Walker 1868 op. cit. III. 555.

¹⁾ These anagrams of "Spinola" were all treated by Signoret as masculine.

Species of doubtful affinity.

- 1 *Acanthosoma flammatum* Distant 1893 Biol. Centr. Amer., Het. Mexico.
I. 458.
- 2 *A. immunda* Walker 1868 Cat. Hem. III. 573¹⁾. India.
- 3 *A. vicinum* Uhler 1861 P. Ac. N. S. Philadelphia 286. China, Hongkong.
- 4 *Atlocerus labidus* Erichson 1842 Wiegmann's Arch. VIII. 277. Tasmania.

Tribe 4.

Aeptini.

Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 51 (table of 4 genera).

Genera	Australasian			Oriental			Ethiopian		Palearctic	American		Total Species	
	Australia	New Zealand	Austro-Malayan	Indo-Malayan	Indochinese	Philippines	Africa	Mascarene	Palearctic proper	Manchurian	America (excl. Chile)		Chile & South Patagonia
Paramenestheus	2	—	—	—	—	—	—	—	—	—	—	—	2
Menestheus	3	—	—	—	—	—	—	—	—	—	—	—	3
Halyabbas	—	—	1	—	1	—	—	—	—	—	—	—	1
Eribotes	1	—	—	—	—	—	—	—	—	—	—	—	1
Belopis	—	—	—	—	1	—	—	—	—	—	—	—	1
Aeptus	—	—	—	—	—	—	1	—	—	—	—	—	1
Dorpius	—	—	—	—	1	—	1	—	—	—	—	—	2
Dymantis	—	—	—	—	—	—	3	—	—	—	—	—	3
Pretorius	—	—	—	—	—	—	1	—	—	—	—	—	1
	6	—	1	—	3	—	6	—	—	—	—	—	15

Total: Australasian 7; Oriental 3, Ethiopian 6. This little division is distinctly continental.

Paramenestheus.

Breddin 1900 Ent. Nachr. XXVI. 20 (type *terricolor*).

- 1 **semoni** Queensland.
Menestheus semoni Horváth 1900 Jenaisch. Denkschr. VIII. 631.
- 2 **terricolor** New South Wales.
Paramenestheus terricolor Breddin 1900 op. cit. 21.

Menestheus.

Stål 1867 O. V. A. F. XXIV. 504 (type *nercivus*).

- 1 **brevis** New South Wales.
Menestheus brevis Van Duzee 1905 Bull. Amer. Mus. XXI.
200, Pl. VIII. f. 5.
- 2 **cuneatus** Queensland (Peak Down).
Menestheus cuneatus Distant 1899 A. M. N. H. (7) IV. 431.
- 3 **nercivus** ? New South Wales.
Sciocoris nercivus Dallas 1851 List 133.
Menestheus nercivus(?) Van Duzee 1905 l. c.

Halyabbas.

Distant 1900 T. E. S. London 164; and 1902 Faun. Ind. Rh. I. 142 (type *unicolor*).

- 1 **unicolor** Lombok; Burma;
Halyabbas unicolor Distant 1900 T. E. S. London 164, Pl. 2. Siam; China (Hongkong).
f. 2; and 1902 Faun. Ind. 143, f. 83.

¹⁾ Probably an *Elasmucha*.

Eribotes.Stål 1867 l. c. (type *australis*).**1 australis***Sciocoris australis* Dallas 1852 T. E. S. London (2) II. 7, Pl. VI. f. 2.

"Australia."

Belopis.Distant 1879 A. M. N. H. (5) III. 49; and 1902 Faun. Ind. Rh. I. 143 (type *unicolor*).**1 unicolor***Belopis unicolor* Distant 1879 A. M. N. H. (5) III. 50; and 1902 Faun. Ind. 144, f. 84.

Assam; Burma.

Aeptus.Dallas 1851 List 145 (type *singularis*).**1 singularis***Aeptus singularis* Dallas 1851 op. cit. 146, Pl. 3. f. 6.

S. Africa.

Dorpius.Distant 1900 l. c.; and 1902 Faun. Ind. Rh. I. 129 (type *typicus*).**1 indicus***Dorpius indicus* Distant 1900 T. E. S. London 165, Pl. 2. f. 4; and 1902 Faun. Ind. 129, f. 70.

N. India.

2 cribrosus*Sciocoris cribrosus* Klug 1845 Symb. Phys. V, Pl. 44. f. 4.
Dorpius typicus Distant 1900 op. cit. 165, Pl. 2. f. 3.Arabia deserta;
Kongo.**Dymantis.**Stål 1861 O. V. A. F. XVIII. 199; and 1865 Hem. Afr. I. 110 type *subvittata*).**1 plana***Halys plana* Fabricius 1803 Syst. Rh. 183; H-S. 1840 Wanz. V. 75, f. 519.Guinea; Sierra Leone;
Cape Colony [Brazil
in error].*Dymantis do.* Stål 1865 Hem. Afr. I. 110.*Aelia elliptica* H-S. 1840 Wanz. V. 79, f. 524.var. (b) **binotata***Paramecocoris binotatus* Stål 1855 O. V. A. F. XII. 181;
and 1856 op. cit. XIII. 55.**2 relata***Dymantis relata* Distant 1898 A. M. N. H. (7) II. 298.

Transvaal.

3 subvittata*Dymantis subvittata* Stål 1861 op. cit. XVIII. 200; and 1865 Hem. Afr. I. 111.Cape Colony; Masho-
naland.**Pretorius.**Distant 1900 A. M. N. H. (7) II. 298 (type *tibialis*).**1 tibialis***Pretorius tibialis* Distant 1900 l. c.

Transvaal.

Tribe 5.**Halyini.**

Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 12 (table of 7 american genera).

Stål 1876 Svensk. op. cit. 14. no. 4. pp. 35—37 (nos. 14—64) (table of 26 palaeogeic genera).

See also Dallas etc. (cf. Pentatominae) etc.

exp. 3 pp. Caridellus ex Victoria
308 curata

Genera	Australasian			Oriental			Ethiopian		Palaearectic		America		Total Species
	Australia	New Zealand	Austro-Malayan	Indo-Malayan	Indochinese	Philippines	Africa	Mascarene	Palaearectic proper	Manchurian	America (excl. Chile)	Chile a. South Patagonia	
Macropygium . . .	—	—	—	—	—	—	—	—	—	—	2	—	2
Miopygium . . .	—	—	—	—	—	—	—	—	—	—	1	—	1
Schaefferella . . .	—	—	—	—	—	—	—	—	—	—	1	—	1
Moncus . . .	—	—	—	—	—	—	—	—	—	—	1	—	1
Ochlerus . . .	—	—	—	—	—	—	—	—	—	—	3	—	3
Melanodermus . . .	—	—	—	—	—	—	—	—	—	—	4	—	4
Linus . . .	—	—	—	—	—	—	—	—	—	—	4	—	4
Hemingius . . .	—	—	—	—	—	—	—	—	—	—	1	—	1
Phereclus . . .	—	—	—	—	—	—	—	—	—	—	2	—	2
Audinetella . . .	—	—	—	—	—	—	—	—	—	—	1	—	1
Caracia . . .	—	—	—	—	—	—	—	—	—	—	1	—	1
Uhlunga . . .	—	—	—	—	—	—	1	—	—	—	—	—	1
Notius . . .	3	—	—	—	—	—	—	—	—	—	—	—	3
Paranotius . . .	1	—	—	—	—	—	—	—	—	—	—	—	1
Hypogomphus . . .	3	—	—	—	—	—	—	—	—	—	—	—	3
Omyta . . .	3	—	—	—	—	—	—	—	—	—	—	—	3
Poecilotoma . . .	1	—	—	—	—	—	—	—	—	—	—	—	1
Ecdicius . . .	—	—	1	—	—	—	—	—	—	—	—	—	1
Neagenor . . .	1	—	—	—	—	—	—	—	—	—	—	—	1
Alcaeus . . .	3	—	—	—	—	—	—	—	—	—	—	—	3
Theseus . . .	2	—	—	—	—	—	—	—	—	—	—	—	2
Austromalaya . . .	4	—	4	—	—	—	—	—	—	—	—	—	8
Eumecopus . . .	18	—	—	—	—	—	—	—	—	—	—	—	18
Poecilometis . . .	12	—	—	—	—	—	—	—	—	—	—	—	12
Aglaophon . . .	1	—	—	—	—	—	—	—	—	—	—	—	1
Bathrus . . .	1	—	—	—	—	—	—	—	—	—	—	—	1
Accarana . . .	—	—	3	—	—	—	—	—	—	—	—	—	3
Brizica . . .	1	—	—	—	—	—	—	—	—	—	—	—	1
Ectenus . . .	—	—	1	—	—	—	—	—	—	—	—	—	5
Brochymena . . .	—	—	—	—	—	4	—	—	—	—	13	—	13
Dalpada . . .	—	—	4	6	13	3	—	5	—	2	—	—	31
Anolcus . . .	—	—	—	—	—	—	1	—	—	—	—	—	1
Tarba . . .	1	—	—	—	—	—	—	—	—	—	—	—	1
Baracellus . . .	—	—	1	—	—	—	—	—	—	—	—	—	1
Apodiphus . . .	—	—	—	—	—	—	—	—	3	—	—	—	3
Surenus . . .	—	—	—	—	1	—	—	—	—	—	—	—	1
Polycarmes . . .	—	—	2	—	—	—	—	—	—	—	—	—	2
Coctoteris . . .	—	—	3	—	—	—	—	—	—	—	—	—	3
Anchises . . .	1	—	—	—	—	—	—	—	—	—	—	—	1
Ochisme . . .	1	—	—	—	—	—	—	—	—	—	—	—	1
Erthesina . . .	—	—	—	1	3	—	1	—	—	1	—	—	5
Halys . . .	—	—	—	—	1	—	2	—	—	—	—	—	4
Coenomorpha . . .	—	—	—	—	—	—	12	—	—	—	—	—	12
Scribonia . . .	—	—	—	—	—	—	2	—	—	—	—	—	2
Atelocera . . .	—	—	—	—	—	—	16	—	—	—	—	—	16
Nevisanus . . .	—	—	—	—	3	—	—	—	—	—	—	—	3
Carenoplystus . . .	—	—	—	—	—	—	—	—	1	—	—	—	1
Adelolcus . . .	—	—	—	—	—	—	1	—	—	—	—	—	1
Memmia . . .	—	—	—	—	—	—	1	2	—	—	—	—	3
Macropelta . . .	—	—	—	—	—	—	—	1	—	—	—	—	1
Zaplutus . . .	—	—	—	—	—	—	—	1	—	—	—	—	1
Solenogaster . . .	—	—	—	—	—	—	—	1	—	—	—	—	1
Paraleria . . .	—	—	—	—	—	—	—	1	—	—	—	—	1
Nealeria . . .	—	—	—	—	—	—	—	2	—	—	—	—	2

Genera	Australasian			Oriental			Ethiopian		Palearctic		American		Total Species
	Australia	New Zealand	Austro-Malayan	Indo-Malayan	Indo-Chinese	Philippines	Africa	Mascarene	Palearctic proper	Manchurian	America (excl. Chile)	Chile & South Patagonia	
<i>Peltasticus</i>	—	—	—	—	—	—	1	—	—	—	—	—	1
<i>Mustha</i>	—	—	—	—	—	—	—	—	6	—	—	—	6
<i>Orthoschisops</i>	—	—	—	—	—	—	8	—	—	—	—	—	8
<i>Eurus</i>	—	—	—	—	—	—	1	—	—	—	—	—	1
<i>Triplatyx</i>	—	—	—	—	—	—	—	1	—	—	—	—	1
<i>Phricodus</i>	—	—	—	—	—	—	1	1	—	—	—	—	1
<i>Artazonites</i>	—	—	—	—	—	—	—	1	—	—	—	—	1
<i>Asyla</i>	—	—	—	—	2	—	—	—	—	—	—	—	2
<i>Dendrites</i>	—	—	—	—	1	—	—	—	—	—	—	—	1
	57	—	19	7	24	7	48	16	10	4	34	—	222

Total: Australasian 76; Oriental 38; Ethiopian 64; Palearctic 14; America 34.

Macropygium.

Macropygium Spinola 1837 Essai 287; Stål 1867 O. V. A. F. XXIV. 523 (type *atrum* = *reticulare*).

Oxyrhinus Amyot et Serville 1843 Hém. 113 (type *subsulcatus* = *reticulare*).

Macropygium subg. *Macropygium* and *Oxyrhinus* Dallas 1851 List 158.

1 *parvum*

Panama.

Macropygium parvum Distant 1880 B. C. A., Het. I. 50, Pl. 6. f. 2.

2 *reticulare*

Cimex reticularis Fabricius 1803 Syst. Rh. 170.

Macropygium atrum Spinola 1837 op. cit. 288.

|| *Pentatoma bifida* [Westwood] 1837 Cat. Hope I. 43.

Oxyrhinus subsulcatus Amyot et Serville 1843 l. c., Pl. 12. f. 2.

Macropygium spinolae Stål 1860 Svensk. Vet. Handl. 2. no. 7. p. 18.

Ochlerus guttipes Walker 1867 Cat. Het. I. 193.

Macropygium reticulare Stål 1872 op. cit. 10. no. 4. p. 12;

Distant 1880 op. cit. 49, Pl. 5. f. 5; Berg 1884 Hem.

Arg. Add. 181.

§ Berg l. c. (abnormal antenna).

Brazil; Dutch Guiana; Venezuela; Colombia; Nicaragua; Guatemala; Mexico; Argentine.

Monopygium.

Breddin 1904 Soc. Ent. XVIII. 153 (type *cyclopeltoides*).

1 *cyclopeltoides*

S. Brazil.

Monopygium cyclopeltoides Breddin l. c.

Schaefferella.

Spinola 1850 Mem. Soc. Ital. Modena XXV. sep. 88; Stål 1867 O. V. A. F. XXIV. 523 (type *litigiosa* = *incisa*).

1 *incisa*

Brazil.

Cimex incisus H-S. 1839 Wanz. IV. 93, f. 434.

Schaefferella litigiosa Spinola 1850 op. cit. sep. 88.

Moncus.

Stål 1867 op. cit. 524 (type *obscurus*).

1 *obscurus*

Brazil.

Ochlerus obscurus Dallas 1851 List 157.

24p.766

Ochlerus.

Ochlerus Spinola 1837 Essai 294; Stål l. c. (type *cinctus*).

Menipha Amyot et Serville 1843 Hém. 112 (type *brunnea* = *cincta*).

Ochlerus (in sp.) Dallas 1851 op. cit. 156.

1 cinctus

|| *Cimex marginatus* Fabricius 1803 Syst. Rh. 171.

Ochlerus cinctus Spinola 1837 Essai 295.

O. flavicinctus H-S. 1839 Wanz. IV. 94, f. 435.

Menipha brunnea Amyot et Serville 1843 op. cit. 113, Pl. 12. f. 1.

Ochlerus coriaceus H-S. 1844 op. cit. VII. 64, f. 734.

O. lutosus H-S. 1844 op. cit. 65, f. 735.

O. circumcinctus Stål 1860 Svensk. Vet. Handl. 2. no. 7. p. 17.

O. marginatus Stål 1872 op. cit. 10. no. 4. p. 13.

Brazil; Guiana; Colombia; Panama; Nicaragua; Mexico.

2 sordidus

Ochlerus sordidus H-S. 1844 l. c., f. 736; Stål 1872 l. c.

O. cerdo Erichson 1848 Schomb. Reise Guiana III. 609.

Colombia; Br. and Dutch Guiana; Brazil.

3 terminalis

Ochlerus terminalis Walker 1867 Cat. Het. I. 195.

N. Brazil.

Tetrochlerus.

Bredden 1904 Soc. Ent. XVIII. 153 (type *fissiceps*).

1 fissiceps

Tetrochlerus fissiceps Bredden l. c.

Ecuador.

Parochlerus.

Bredden l. c. (type *latus*).

1. latus

Parochlerus latus Bredden l. c.

Perú.

Melanodermus.

Stål 1867 O. V. A. F. XXIV. 524; and 1872 Svensk. Vet. Handl. 10. no. 4. p. 13 (type *circummaculatus*).

1 circummaculatus

Ochlerus circummaculatus Stål 1860 op. cit. 2. no. 7. p. 17;

and 1872 op. cit. 10. no. 4. p. 13.

Brazil (Rio de Janeiro).

2 dilutipes

Melanodermus dilutipes Bredden 1904 Soc. Ent. XVIII. 154.

Ecuador.

3 picipes

Melanodermus picipes Stål op. cit. p. 14.

Colombia.

4 tartareus

Ochlerus tartareus Stål 1862 Stett. E. Z. XXIII. 98.

Melanodermus do. Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 13; Distant 1880 B. C. A., Het. I., Pl. 5. f. 6.

Mexico; Panama; Colombia.

5.

Lincus.

Stål 1867 O. V. A. F. XXIV. 524 (type *rufospilotus*).

1 dentiger

Lincus dentiger Bredden 1904 Soc. Ent. XVIII. 154.

Ecuador.

2 discessus

Lincus discessus Distant 1900 T. E. S. London 688.

Costa Rica.

3 rufospilotus

Pentatoma rufospilota [Westwood] 1837 Cat. Hope I. 44.

Ochlerus rufospilotus Dallas 1851 List 157.

O. vilis Walker 1867 Cat. Het. I. 196.

Lincus erythrospilus Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 14.

N. Brazil; Guiana; Colombia.

4 **securiger***Lincus securiger* Breddin 1904 Soc. Ent. XVIII. 154.

Ecuador.

Hemingius.Distant 1899 A. M. N. H. (7) IV. 423 (type *scaber*).1 **scaber***Ochlerus scaber* Walker 1867 Cat. Het. 195.

Brazil.

Hemingius do. Distant 1899 op. cit. 424.**Phereclus.**Stål 1862 Stett. E. Z. XXIII. 98; and 1867 O. V. A. F. XXIV. 524 (type *pluto*).1 **pluto***Phereclus pluto* Stål 1862 Stett. E. Z. XXIII. 98; and 1872

Colombia.

Svensk. Vet. Handl. 10. no. 4. p. 14.

2 **punctatus***Ochlerus*? *punctatus* Dallas 1851 List 157.

Colombia.

Audinetella.Spinola 1850 Mem. Soc. Ital. Modena XXV. 35 (type *bipunctata*).1 **bipunctata***Audinetella bipunctata* Spinola op. cit. sep. 88.

Fr. Guiana.

Caracia.Stål 1872 Svensk. Vet. Handl. 10. no. 4. p. 14 (type *sexdens*).1 **sexdens***Caracia sexdens* Stål 1872 op. cit. 15.

Venezuela.

Uhlunga.Distant 1892 Ent. Mo. Mag. (2) III. 237 (type *typica*).1 **typica***Uhlunga typica* Distant l. c.

Natal.

Paranotius.Breddin 1900 Ent. Nachr. XXVI. 17 (type *punctatissimus*).1 **punctatissimus***Paranotius punctatissimus* Breddin op. cit. 18.

New South Wales.

Notius.*Notius* Dallas 1851 List 151 a. 155 (type *depressus*).*Ebora* Walker 1867 Cat. Het. II. 415 (type *circumdاتا*).1 **consputus***Notius consputus* Stål 1865 A. S. E. France (4) V. 164.

"N. Australia."

2 **depressus***Notius depressus* Dallas 1851 List 155, Pl. 4. f. 1; Froggatt
1907 Austr. Ins. 329, Pl. XXXII. f. 16.W. Australia; New
South Wales; Victo-
ria; S. Australia;
Tasmania.*Ebora circumdata* Walker 1867 op. cit. 416.3 **posticus***Ebora postica* Walker 1867 l. c.

Queensland.

Hypogomphus.*Hypogomphus* Spinola 1850 Mem. Soc. Ital. Modena XXV. 35 and sep. 83 (type
rugosus).*Mazium* Dallas 1851 List 152 a. 161 (type *bipunctatum* = *bufo*).1 **bufo***Pentatoma bufo* [Westwood] 1837 Cat. Hope I. 44.

Queensland.

Platycoris bipunctata Guérin 1838 Voy. Coquille Zool. II. 170,
Pl. 12. f. 3.

Mazium bipunctatum Dallas 1851 l. c., Pl. 4. f. 4.

2 **rotundatus**

Mazium rotundatum Dallas 1851 op. cit. 162.

Kangaroo Is. (off S.
Australia).

3 **rugosus**

Hypogomphus rugosus Spinola 1850 op. cit. sep. 85; Van
Duzee 1905 Bull. Amer. Mus. XXI. 193.

Queensland; New
South Wales.

Omyta.

Spinola 1850 op. cit. 31 a. sep. 64; Stål 1867 O. V. A. F. XXIV. 507 (type *deyrollei* = *centrolineata*).

1 **centrolineata**

Atelocerus centrolineatus [Westwood] 1837 Cat. Hope I. 20.

"N. Australia"; Tas-
mania.

Omyta deyrollei Spinola 1850 op. cit. sep. 66.

2 **delineata**

Omyta delineata Stål 1865 A. S. E. France (4) V. 165.

"N. Australia"; W.
Australia.

3 **spinosa**

Poecilotoma spinosa Dallas 1851 List 175, Pl. VI. f. 1.

Queensland; W.
Australia; New
South Wales.

Omyta do. Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 39.

Platycoris? *rufescens* Van Duzee 1905 Bull. Amer. Mus. XXI.
191, Pl. 8. f. 2.

Poecilotoma.

Poecilotoma Dallas 1851 List 151 a. 175; Stål 1867 O. V. A. F. XXIV. 507 (type
grandicornis).

Allportia Schouteden 1906 A. S. E. Belg. L. 140 (type *scutellatus* = *grandicornis*).

1 **grandicornis**

Atelocerus grandicornis Erichson 1842 Arch. Nat. VIII. 278.

W. Australia; Tas-
mania.

Platycoris scutellatus Van Duzee 1905 op. cit. 190, Pl. 8. f. 1.

Ecdicius.

Distant 1888 T. E. S. London 477 (type *typicus*).

1 **typicus**

Ecdicius typicus Distant 1888 op. cit. 478, Pl. 13. f. 3.

Papua.

Neagenor.

|| *Agenor* Dallas 1851 List 151 a. 174; Stål 1867 op. cit. 508 (type *spinus*).

Neagenor Bergroth 1891 Rev. Ent. X. 214 (new name).

1 **spinus**

Agenor spinus Dallas 1851 op. cit. 174, Pl. V. f. 6.

S. Australia (Hunter
River).

Alcaeus.

Dallas 1851 List 151 a. 167 (type *varicornis*).

1 **lignicolor**

Alcaeus lignicolor Walker 1867 Cat. Het. I. 200.

S. Australia.

2 **subspinus**

Alcaeus subspinus Dallas 1851 List 168, Pl. IV. f. 6.

Kangaroo Is. (off S.
Australia).

3 **varicornis**

Atelocerus? *varicornis* [Westwood] 1837 Cat. Hope I. 21.

Alcaeus do. Van Duzee 1905 op. cit. 193.

New South Wales;
Victoria.

Theseus.

Stål 1867 O. V. A. F. XXIV. 508 (type *modestus*).

1 **modestus**

Poecilometis modestus Stål 1865 A. S. E. France (4) V. 166.

Queensland; New
South Wales.

Poecilometus plenus Walker 1867 op. cit. 211.
Thesus modestus Van Duzee 1905 l. c. (laps. cal.).

2 **nigrescens**

Theseus nigrescens Distant 1904 A. M. N. H. (7) XIII. 263.

N. Queensland.

Austromalaya.

|| *Spudaeus* Dallas 1851 List 151 a. 168; Stål 1867 O. V. A. F. XXIV. 508 (type *reticulatus*!).

Austromalaya Kirkaldy 1908 Ent. XLI. 124 (new name).

1 **doriae**

Spudaeus doriae Signoret 1880 Ann. Mus. Genova XV. 533.

Papua; Salawati.

2 **lata**

Spudaeus latus Walker 1867 Cat. Het. I. 201.

Spudius (!) do. Van Duzee 1905 op. cit. 194.

Queensland.

3 **lignaria**

Spudaeus lignarius Walker op. cit. 202.

Papua; Aru Is.; Meisols.

4 **lyrica**

Spudaeus lyricus Distant 1899 A. M. N. H. (7) IV. 424.

N. W. Australia.

5 **parvula**

Halys parvula [Westwood] 1837 Cat. Hope I. 22.

Spudaeus parvulus Distant 1900 P. Zool. S. London 809, Pl. LII. f. 1.

Melville Is. (off N. Australia); N. Territory of S. Australia.

6 **reticulata**

Halys reticulata [Westwood] op. cit. 24.

Spudaeus reticulatus Dallas 1851 List, Pl. V. f. 1.

Spudius do. Van Duzee 1905 l. c. (laps. cal.).

N. Terr. of S. Australia; Melville Is.; Queensland; New South Wales.

7 **vagata**

Spudaeus vagatus Walker 1867 op. cit. 203.

Papua.

8 **variabilis**

Spudaeus variabilis Tryon 1892 Ann. Queensl. Mus. II. 18.

Papua.

Eumecopus.

Dallas 1851 List 151 a. 172; Stål 1867 O. V. A. F. XXIV. 508; Van Duzee 1905 Bull. Amer. Mus. XXI. 194 (type *nigriventris*!).

1 **abdominalis**

Eumecopus abdominalis Distant 1904 A. M. N. H. (7) XIII. 263; Van Duzee 1905 op. cit. 195.

N. Queensland.

2 **acanthopygius**

Eumecopus acanthopygius Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 41.

Queensland.

E. acanthopygius Leth. et Sev. 1893 Cat. Hém. I. 95 (laps. cal.).

E. acanthopygius Van Duzee 1905 l. c. (laps. cal.).

3 **apicalis**

Halys apicalis [Westwood] 1837 Hope Cat. I. 23.

W. Australia.

4 **armatus**

Cimex armatus Fabricius 1775 Syst. Ent. 702.

C. tibialis Thunberg 1783 Nov. Ins. Sp. II. 43, Pl. 2. f. 58.

Poecilometis ruficornis Walker 1867 op. cit. l. 208.

"N. Australia"; Queensland.

5 **australasiae**

Cimex australasiae Donovan 1805 Ins. N. Holl., Hém. Pl. 3. f. 6.

Halys flavopunctata Guérin 1838 Voy. Coquille Zool. II. 170, Pl. 11. f. 17.

H. australasiae H-S. 1840 Wanz. V. 76, f. 521.

Eumecopus do. Stål 1876 op. cit. p. 41; Van Duzee 1905 op. cit. 195; Froggatt 1907 Austral. Ins. 329.

New South Wales.

§ Froggatt 1902 Agr. Gaz. IV. S. W. XIII. 319, Pl. f. 31.
 Foodplant: *Eucalyptus*.

- calidus**
Poecilometis calidus Walker 1867 Cat. Het. II. 208. Queensland; N. S. W.
Eumecopus do. Stål 1876 l. c. (as sp. n.). Wales.
E. callidus Van Duzee 1905 l. c. (laps. cal.).
- cognatus**
Poecilometis cognatus Walker 1867 op. cit. 210. S. Australia.
Eumecopus do. Van Duzee 1905 op. 196.
- conspersus**
Poecilometis conspersus Walker 1867 op. cit. 209. N. S. Wales; Queens-
Eumecopus do. Van Duzee 1905 l. c. land.
- fuscescens**
Eumecopus fuscescens Stål 1876 l. c. "Australia."
- longicornis**
Eumecopus longicornis Dallas 1851 List 173; Stål 1876 op. Queensland.
cit. p. 40.
- mimicus**
Eumecopus mimicus Distant 1899 A. M. N. H. (7) IV. 426¹). W. Australia.
- mundus**
Poecilometis mundus Walker 1868 op. cit. III. 545. S. Queensland.
- nigriventris**
Eumecopus nigriventris Dallas 1851 List 172, Pl. V. f. 4. Australia.
- pallesceus**
Eumecopus pallescens Distant 1904 op. cit. XIII. 264; Van N. Queensland.
Duzee 1905 op. cit. 195.
- patruelis**
Poecilometis patruelis Stål 1859 Eugenie's Resa Ins. 224. Queensland; New
Eumecopus do. Stål 1876 Svensk. op. cit. 41; Van Duzee South Wales; S.
1905 op. cit. 196. Australia.
- punctiventris**
Eumecopus punctiventris Stål 1876 l. c. S. Australia.
- superbus**
Eumecopus superbus Distant 1899 op. cit. IV. 425. W. Australia.
- vittiventris**
Eumecopus vittiventris Stål 1876 l. c.

Poecilometis.

Dallas 1851 List 151 a. 170; Stål 1867 O. V. A. F. XXIV. 508; and 1876 Svensk.
Vet. Handl. 14. no. 4. p. 41 (type *strigatus*).

- alienus**
Poecilometis alienus Walker 1867 Cat. Het. I. 210. S. Australia.
- binotatus**²⁾
Poecilometis binotatus Walker 1868 op. cit. III. 544. S. Australia.
- edwardsi**
Poecilometis edwardsi Van Duzee 1905 op. cit. 198, Pl. VIII. Victoria.
f. 4.
- eximius**
Poecilometis eximius Stål 1865 A. S. E. France (4) V. 165. "N. Australia".
- fasciatus**
Poecilometis fasciatus Stål 1865 op. cit. 165; and 1876 Svensk. "N. Australia".
op. cit. 42.

¹⁾ Adelaide River, in W. Australia, must not be confused with Adelaide City, in S. Australia.

²⁾ *Poecilometis* except b. b. Stål ought to form at least a subgenus, if not genus. It may be called

Euronotias (type *histricus*) and the species included will be probably 1 and 4 to 10.

- 6 **gravis**¹⁾ New South Wales
Cimex gravis Fabricius 1781 Spec. Ins. II. 355. [New Zealand?]
Halys gravis [Westwood] 1837 Cat. Hope I. 24 (as n. sp.).
Poecilometis do. Stål 1876 l. c.; Van Duzee 1905 op. cit. 197.
 Foodplant: *Eucalyptus*.
- 7 **histricus** "N. Australia"; N. S. Wales.
Poecilometis histricus Stål 1865 A. S. E. France (4) V. 166;
 Froggatt 1902 op. cit. 319, Pl. f. 24; and 1907 Austr.
 Ins., Pl. XXXII. f. 9.
- 8 **lineatus** W. Australia.
Halys lineata [Westwood] 1837 l. c.
Poecilometis lineatus Dallas 1851 op. cit., Pl. V. f. 3b.
- 9 **rufescens** Queensland; New South Wales.
Halys rufescens [Westwood] l. c.
Poecilometis do. Van Duzee 1905 op. cit. 196.
- 10 **scutellatus** W. Australia; Victoria
Poecilometis scutellatus Distant 1899 A. M. N. H. (7) IV. 426.
- 11 **stigmatus** New South Wales.
Poecilometis stigmatus Van Duzee 1905 op. cit. 198, Pl.
 VIII. f. 3.
- 12 **strigatus** New South Wales
Halys strigata [Westwood] 1837 op. cit. 23. S. Australia.
Poecilometis strigatus Dallas 1851 l. c., Pl. V. f. 3; Froggatt
 1902 op. cit. 320, Pl. f. 19; and 1907 Austr. Ins., Pl.
 XXXII. f. 4; Van Duzee 1905 op. cit. 197.

Aglaophon.

- Stål 1876 Svensk. Vet. Handl. 14. no. 4. pp. 36 a. 42 (type *varius*).
- 1 **varius** Queensland; New South Wales.
Aglaophon varius Stål 1876 op. cit. 42; Van Duzee 1905
 op. cit. 199.

Bathrus.

- Dallas 1851 List 151 a. 169 (type *variegatus*).
- 1 **variegatus** New South Wales.
Bathrus variegatus Dallas 1851 op. cit. 169, Pl. V. f. 2.

Accarana.

- Distant 1888 T. E. S. London 478 (type *metallica*).
- 1 **convergens** Papua; Aru Is.
Spudaeus convergens Walker 1867 Cat. Het. I. 204.
- 2 **distanti** Papua.
Accarana distanci Breddin 1900 Ent. Nachr. XXVI. 19.
- 3 **metallica** Papua.
Accarana metallica Distant 1888 l. c., Pl. 13. f. 4.

Brizica.

- Walker 1867 Cat. Het. I. 236 (type *alacris*).
- 1 **alacris** Aru Is.
Brizica alacris Walker 1867 op. cit. 237.

¹⁾ There is some confusion here. Lethierry and Severin, Distant, and Van Duzee do not allude to Fabricius; and Distant (1900 P. Zool. S. London 824) states that Westwood's type is missing from his collection. But Westwood based his supposed new species on a specimen in the "Mus. Banks" labelled by Fabricius, having evidently overlooked Fabricius' descriptions.

Ectenus.

Dallas 1851 List 151 a. 173; Stål 1853 O. V. A. F. X. 108; and 1876 Svensk. Vet. Handl. 14. no. 4. p. 43 (type *spectabilis* = *servulus*).

- 1 **aereus** *Ectenus aereus* Stål 1871 O. V. A. F. XXVII. 621. Philippines.
- 2 **brevirostris** *Ectenus brevirostris* (?) Stål 1871 op. cit. 622. Philippines.
- 3 **generosus** *Ectenus generosus* Stål 1865 A. S. E. France (4) V. 167; and 1871 O. V. A. F. XXVII. 622. Philippines (Luzon).
- 4 **pudicus** *Ectenus pudicus* Stål 1865 A. S. E. France (4) V. 167; and 1876 Svensk. Vet. Handl. 14. no. 4. p. 43. Moluccas (Meisol; Waigiu).
Spudaenus modestus Vollenhoven 1868 Versl. Ak. Nat. Amst. (2) II. 178.
- 5 **servulus** nom. nov. Philippines (Luzon).
Cimex spectabilis Burmeister 1834 Nov. Act. Leop. Carol. XVI. Suppl. 291, Pl. 51. f. 5.
Ectenus do. Dallas 1851 List, Pl. V. f. 5; Stål 1871 O. V. A. F. XXVII. 621.

Brochymena.

Amyot et Serville 1843 Hém. 106; Stål 1867 O. V. A. F. XXIV. 525; and Svensk. Vet. Handl. 10. no. 4. p. 16; Van Duzee 1904 T. Amer. E. S. XXX. 26 (type *serrata* = *quadripustulata*).

§ Conradi 1904 Science XIX. 393 (protective value of the odoriferous secretion).

- 1 **aculeata** *Brochymena aculeata* Distant 1889 B. C. A., Het. I. 327, Pl. 31. f. 6; Van Duzee 1904 op. cit. 28. Mexico.
- 2 **affinis** *Brochymena affinis* Van Duzee 1904 op. cit. 27 a. 29. Washington St.; California; Idaho.
- 3 **carolinensis** *Brochymena carolinensis* [Westwood] 1837 Cat. Hope I. 22. Eastern U. S. (New York to Florida).
|| *Cimex annulatus* Fabricius 1775 Syst. Ent. 704.
Halys serrata Wolff 1811 Ic. Cim. 179, f. 178 (not Fabr.).
H. carolinensis [Westwood] 1837 Cat. Hope I. 22.
H. annulata H-S. 1844 Wanz. VII. 57, f. 728.
Brochymena do. Stål 1872 l. c.; Howard 1894 Ins. Life VII. 47. f. 17; Van Duzee 1904 op. cit. 30.
- 4 **arborea** *Brochymena arborea* Van Duzee 1904 op. cit. 27. Canada; United States; Mexico.
Pentatoma arborea Say 1825 J. Ac. Philad. IV. 311; and 1859 Compl. Writ. II. 239.
Halys erosa H-S. 1840 Wanz. V. 70, f. 515; and 1844 op. cit. VII. 56.
Brochymena arborea Van Duzee 1904 op. cit. 27.
Parasitized by *Trissolcus brochymenae* [Hym.].
- 5 **cariosa** *Brochymena cariosa* Stål 1872 op. cit. 17; Van Duzee 1904 op. cit. 30. Arkansas; Texas; Mississippi; Louisiana and Florida.
- 6 **cuspidata** *Brochymena cuspidata* Distant 1900 T. E. S. London 689. Costa Rica.
- 7 **haedula** *Brochymena haedula* Stål 1868 Stett. E. Z. XXII. 99; and 1872 Svensk. op. cit. 17; Distant 1880 B. C. A., Het. I., Pl. 5. f. 7; Van Duzee 1904 op. cit. 28. Mexico; Guatemala.

- 8 **harrisii** *Brochymena harrisii* Uhler 1871 P. Boston. S. N. H. XIV. 95; and 1878 op. cit. XIX. 373; Van Duzee 1904 op. cit. 31. Pennsylvania; Georgia.
- 9 ? **laticornis** *Pentatoma laticornis* Say 1832 Descr. Het. Hem. p. ?; and 1859 Compl. Writ. I. 315. "United States".
- 10 **marginella** *Brochymena marginella* Stål 1872 op. cit. 16; Van Duzee 1904 op. cit. 31. Texas; Florida.
- 11 **myops** *Halys quadripustulata* H-S. 1844 Wanz. VII. 57, f. 729 (not Fabricius). *Brochymena myops* Stål 1872 l. c. North America; Mexico; Guatemala.
- 12 **tenebrosa** *Halys obscura* H-S. 1840 op. cit. V. 68, f. 513; and 1844 op. cit. VII. 59. "Colorado to California and southward to Mexico". *Brochymena tenebrosa* Walker 1867 op. cit. I. 231; Distant 1880 op. cit., Pl. 6. f. 5. *B. obscura* Stål 1872 op. cit. 16; Van Duzee 1904 op. cit. 29. Foodplant: Peach and other fruit trees. Parasitized by *Trissolcus* sp. [Hym.].
- 13 **poeyi** *Pentatoma poeyi* Guérin 1857 Sagra's Hist. Cuba, Ins. 365, Pl. 13. f. 1. Cuba; (? Florida). *Brochymena do.* Stål 1866 Berl. E. Z. X. 156; and 1872 Svensk. op. cit. 17. ? *B. do.* Van Duzee 1904 op. cit. 28.
- 14 **quadripustulata** *Cimex quadripustulatus* Fabricius 1775 Syst. Ent. 704. Canada; United States [Africa in error.]. *Halys serrata* Palisot de Beauvois 1805 Ins. Afr. Amér. 187, Hém. Pl. 11. f. 8 (not Fabr.). *H. pupillata* H-S. 1839 Wanz. IV. 104, f. 453; and 1844 VII. 58. *Brochymena serrata* Amyot et Serville 1843 Hém. 107. *B. 4-punctata* Provancher 1874 Nat. Can. 74. *Brachymena (!) quadripustulata* of many economic papers. *Brochymena do.* Van Duzee 1904 l. c.
- §§ Sanderson 1902 Bull. Delaware Agr. Sta. no. 56, figs. 12 a. 14 (o—a); 1903 Rep. Delaware Exp. Sta. XIV. 141—7; and 1906 Bull. N. Hampsh. Agr. Sta. [no. 122], p. 127, f. 19 (habits). Feeds on *Notolophus leucostigma* [Lep.].

Dalpada.

- Dalpada* Amyot et Serville 1843 Hém. 105; Stål 1867 O. V. A. F. XXIV. 508; and 1876 Svensk. Vet. Handl. 14. no. 4. p. 43 (type *aspersa*).
Udana Walker 1868 Cat. Het. III. 549 (type *smaragdina*).
- 1 ? **aenea** *Dalpada aenea* Vollenhoven 1868 Versl. Ak. Amst. Nat. (2) II. 179. Timor.
- 2 **affinis** *Dalpada affinis* Dallas 1851 List 185; Distant 1902 Faun. Ind. Rh. I. 112. N. India; Tenasserim.
- 4 **aspersa** *Dalpada aspersa* Amyot et Serville 1843 Hém. 105. Java.

- 5 **brevivitta**
Dalpada brevivitta Walker 1867 op. cit. I. 224; Distant 1902 op. cit. 114. Assam.
- 6 **cambouei**
Halys cambouei G. Fallou 1891 Rev. Ent. X. 5.
Dalpada do. Bergroth 1893 A. M. N. H. (6) XII. 112. Madagascar.
- 7 **capitata**
Dalpada capitata Distant 1881 T. E. S. London 104, Pl. 3. f. 1. Madagascar.
- 8 **cinctipes**
Dalpada cinctipes Walker 1867 op. cit. 229. N. China.
- 9 **conciunna**
 || *Cimex clavatus* Fabricius 1798 Ent. Syst. suppl. 532.
Halys concinna [Westwood] 1837 op. cit. 23.
H. latipes [Westwood] l. c.
Dalpada bulbifera Walker 1867 op. cit. 223.
D. consobrina Walker op. cit. 225.
D. clavata Stål 1868 op. cit. 7. no. 11. p. 22; Distant 1902 Faun. Ind. Rh. I. 113. India; Assam; Tenasserim; Burma; Siam; China; Java.
- 10 **confusa**
Dalpada confusa Distant 1879 T. E. S. London 121; and Sci. Res. 2nd Yarkand Miss., Rhynch. 3, f. 1; and 1902 Faun. Ind. Rh. I. 115. N. India.
- 11 **crux**
Dalpada crux Vollenhoven 1868 l. c. Timor.
- 12 **hilaris**
Dalpada hilaris Breddin 1901 Abh. Nat. Ges. Halle XXIV. 38. Celebes.
- 13 **insularis**
Dalpada insularis Distant 1893 A. M. N. H. (6) XI. 390. Ombay Is. (N. W. of Timor).
- 14 **jugatoria**
Dalpada jugatoria Lethierry 1891 C. R. S. E. Belg. p. CXLII; Distant 1902 Faun. Ind. Rh. I. 112. Assam; Birma.
- 15 **litorifera**
Dalpada litorifera Walker 1867 op. cit. 220. Madagascar.
- 16 **mirabilis**
Dalpada mirabilis Distant 1893 A. M. N. H. (6) XI. 389; and 1902 Faun. Ind. Rh. I. 113. Assam.
- 17 **obscura**
Halys obscura [Westwood] 1837 Cat. Het. I. 22.
H. nigricollis [Westwood] l. c.; Distant 1902 op. cit. 111. India; W. China.
- 18 **obtusicollis**
Dalpada obtusicollis Ellenrieder 1862 Nat. Tijdschr. Ned. Ind. XXIV. 143, Pl. II. f. 10. Sumatra.
- 19 **oculata**
Cimex oculatus Fabricius 1775 Syst. Ent. 703.
Dalpada aspersa Ellenrieder 1862 op. cit. 140, Pl. III. f. 8.
D. nodifera Walker 1867 Cat. Het. I. 222.
D. indeterminata Walker 1867 op. cit. 225.
D. oculata Sharp 1890 T. E. S. London 408; Distant 1902 op. cit. 110, f. 59. Assam; India; Tenasserim; Birma; Cochinchina; China; Japan; Sumatra; Borneo; Malacca; Buru.
- § Ellenrieder l. c.
 § Breddin 1900 Stett. E. Z. LXI. 290 (n).
 Foodplants: *Citrus limonellus*; *Carica papaya*; *Jambosa domestica*; *Psidium*; Solanaceae; Gramineae.
- 20 **pallipes**
Halys pallipes G. Fallou 1889 Naturaliste 130. Birara [New Britain].

- 21 **perelegans** *Dalpada perelegans* Breddin 1904 Wien. E. Z. XXIII. 1. Tonking.
- 22 **pilicornis** *Dalpada pilicornis* Stål 1876 Svensk. Vet. Handl. 14. no. 4. India (Nilgiri Hills).
p. 44; Distant 1902 op. cit. 114.
- 23 **simplicipes** *Dalpada simplicipes* Stål 1871 O. V. A. F. XXVII. 623. Philippines.
- 24 **smaragdina** *Udana smaragdina* Walker 1868 op. cit. III. 549. Tai-wan[=Formosa]
- 25 **subflava** *Dalpada subflava* Distant 1881 T. E. S. London 103. Madagascar.
- 26 **tagalica** *Dalpada tagalica* Stål 1871 op. cit. 622. Philippines.
- 27 **3-maculata** *Pentatoma 3-maculata* [Westwood] 1837 op. cit. 41. Philippines; Borneo;
Dalpada angulicollis Ellenrieder 1862 op. cit. 142, Pl. II. f. 9. Java; Sumatra
D. triguttata Vollenhoven 1868 Versl. Ak. Amst. Nat. (2) II. 179. [? India].
Foodplant: *Melastomum*.
- 28 **varia** *Dalpada varia* Dallas 1851 List 185; Distant 1879 A. M. N. H. India; Assam; China
(5) III. 48; and 1902 Faun. Ind. Rh. I. 112. (Hongkong).
D. apicifera Walker 1867 op. cit. I. 222.
- 29 **versicolor** *Halys versicolor* H-S. 1840 Wanz. V. 76, f. 520; 1844 VII. 60. Java; India.
Dalpada do. Distant 1902 op. cit. 114; Koningsberger 1903
Med. 's lands plant. LXIV. 75.
Foodplant: *Coffea*.
- 30 **viridula** *Dalpada viridula* Distant 1899 A. M. N. H. (7) IV. 427. Solomon Isles.
- 31 **vittata** *Dalpada vittata* Signoret 1861 A. S. E. France (3) VIII. 924; Madagascar.
and Stål 1865 Hem. Afr. I. 101.

Anoleus.

Bergroth 1893 A. M. N. H. (6) XII. 113 (type *campestris*).

- 1 **campestris** *Anoleus campestris* Bergroth op. cit. 114. Portuguese East Africa.

Dendrites gen. nov.¹⁾

- 1 **kershawi** sp. nov.¹⁾ S. China (How-lik.).

Baracellus.

Distant 1903 A. M. N. H. (7) XII. 250 (type *lanceolatus*).

- 1 **lanceolatus** *Baracellus lanceolatus* Distant op. cit. 251. Jobie Isl.

Apodiphus.

Apodiphus Spinola 1837 Essai 295 (type *hellenica* = *amygdali*).

Apodiphya Amyot et Serville 1843 Hém. 108; Fieber 1861 Eur. Hem. 337.

- 1 **amygdali** *Halys amygdali* Germar 1817 Reise Dalmat. 284, Pl. 9. f. 4. Dalmatia; Italy;
Greece; Turkey; S.

¹⁾ This will be fully described in another place. It differs from *Dalpada* by the much shorter bucculae and by the dilated tibiae. It seems allied also to *Nevisanus* but Distant does not describe the bucculae, and the scutellum seems shorter. Also the legs are different.

D. kershawi is of the general appearance of *Dalpada clavata*, but the tibiae are black, with a broad pale annulus medially, the first segment of the tarsi pale, the rest black. Length 20 mill. I possess a single specimen, sent me by my friend Mr. J. C. W. Kershaw.

H. hellenica Lefèbvre 1831 Guér. Mag. Zool. I. no. 24, Pl. 24.

H. exsculpta Burmeister 1835 Handb. Ent. II. 362.

H. hellenica H-S. 1840 Wanz. V. 67, f. 512.

Apodiphya amygdali Fieber 1861 l. c.

Foodplants: *Amygdalus*; *Pistacia mutica*; *Populus*.

Russia; Asia minor;
Syria; Persia; Tur-
komania.

2 *integriceps*

Apodiphus integriceps Horváth 1888 Rev. Ent. VII. 172.

Turkestan; Kashmir.

3 *pilipes*

Apodiphus pilipes Horváth 1889 Termész. füzet. XII. 29;
Distant 1902 Faun. Ind. Rh. I. 116, f. 60.

Kashmir.

Surenus.

Distant 1901 T. E. S. London 106; and 1902 Faun. Ind. Rh. I. 116 (type *normalis*).

1 *normalis*

Surenus normalis Distant 1901 T. E. S. London 107; and
1902 Faun. Ind. Rh. I. 117, f. 61.

Birma.

Polycarmes.

Polycarmes Stål 1867 O. V. A. F. XXIV. 509 (type *punctatissimus*).

1 ? *armiger*

Acanthidium armigerum Montrouzier 1858 A. S. Linn. Lyon
(2) V. 253.

New Caledonia.

2 *punctatissimus*

Acanthidium punctatissimum Montrouzier 1858 op. cit. 251.
Spudoeus punctatissimus Montrouzier et Signoret 1861 A. S. E.
France (4) I. 63.

New Caledonia.

Spudaeus vitticeps Walker 1867 Cat. Het. I. 205.

Polycarmes punctatissimus Schouteden 1907 A. S. E. Belg.
LI. 109.

Cocototeris.

Cocototeris Stål 1858 O. V. A. F. XV. 435; and 1867 op. cit. XXIV. 509 (type *acutangulus* = *winthemii*).

|| *Acanthidium* Montrouzier 1858 A. S. Linn. Lyon (2) V. 250 (type *foetidum*)¹.

Cocototeris Lethierry et Severin 1893 Cat. Het. I. 100 (laps. cal.).

Acanthidiellum Kirkaldy 1904 Entom. XXXVII. 280 (new name).

1 *exiguus*

Cocototeris exiguus Distant 1893 A. M. N. H. (6) XI. 390;
Kirkaldy 1905 T. E. S. London 357.

Papua; Birara; Duke
of York Is.

2 *foetidus*

Spudoeus foetidum Montrouzier et Signoret 1861 l. c.
Cocototeris foetidus Stål 1865 A. S. E. France (4) V. 167.
Cocototeris do. Schouteden 1907 l. c.

Murua.

3 *winthemii*

Halys winthemii Guérin 1838 Voy. Coquille, Zool. II, 170,
Pl. 11, f. 18.

Papua; Aru; Ke.

H. acutangulus Stål 1858 O. V. A. F. XV. 435.

Spudaeus viridescens Walker 1867 op. cit. 203.

Anchises.

Stål 1867 O. V. A. F. XXIV. 510 (type *sulcicornis*).

1 *sulcicornis*

Anchises sulcicornis Stål 1869 Berlin. E. Z. XIII. 228.

Queensland.

¹ I have only MSS notes of Montrouzier's 1858 paper, but I do not think *Acanthidium* was described there. In 1855 (Ann. S. Agr. Lyon (2) VII. p. 95) he writes under genus *Pentatoma*. "j'ai divisé les *Pentatomes* en deux sous-genres: celles qui n'ont pas d'épines aux côtés du corselet sont les *Pentatomes* propres; celles dont le corselet est muni d'épines sur les côtés sont les *Acanthidies*", but he does not found the latter properly. In erecting my *Acanthidiellum*, I intended it for *cinctum*, i. e. a Cimicine, but as I did not state the type, it must be placed here.

Ochisme.

|| *Trachyops* Dallas 1851 List 152 a. 187 (type *australis*).
Ochisme Kirkaldy 1904 Entom. XXXVII. 280 (new name).

1 *australis*

Trachyops australis Dallas op. cit. 188, Pl. VII. f. 1.

"Australia."

Erthesina.

Spinola 1837 Essai 291; Amyot et Serville 1843 Hém. 104; Stål 1867 O. V. A. F. XXIV. 510 (type *mucorea* = *fullo*).

1 *acuminata*

Erthesina acuminata Dallas 1851 List 183; Distant 1902 Faun. Ind. Rh. I. 118.

N. India; Burma.

2 *africana*

Erthesina africana Distant 1889 Oates' Matabeleland Ed. 2, p. 386.

Matabeleland.

3 *distanti*

Erthesina distanti Schouteden 1902 Wien. E. Z. XXI. 233.

E. Africa (Ikuta).

4 *fullo*

Cimex fullo Thunberg 1783 Nov. ins. sp. II. 42, Pl. 2. f. 57.

C. mucoreus Fabricius 1794 Ent. Syst. IV. 117.

Halys mucorea Wolff 1811 Ic. Cim. 180, Pl. 18. f. 179.

Dalpada japonica Walker 1867 Cat. Het. I. 228.

Erthesina fullo Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 45;

Distant 1902 op. cit. 117, f. 62.

India; Assam; Birma;
 Andamans; Ceylon;
 Java; Tai-wan
 [= Formosa]; Ja
 pan; China (Macao);
 Hainan Is.

§ Eaten by Nágas (an Assamese tribe); Distant 1878 P. E. S. London LVII; Kirkaldy 1907 Entom. XL. 282.

5 *guttata*

Cimex guttatus Fabricius 1787 Mant. Ins. II. 291.

Erthesina guttata Distant 1902 l. c. 118.

India; Ceylon; Siam.

Halys.

Halys Fabricius 1803 Syst. Rh. 180; Stål 1865 Hem. Afr. I. 100 (type *dentata* = *sulcata*)

Halis Spinola 1850 Mem. Soc. Ital. Modena XXV. 31 (laps. cal.).

1 *hedenborgi*

Halys hedenborgi Stål 1865 Hem. Afr. I. 100.

Nubia.

2 *maculipennis*

Halys maculipennis Stål 1865 l. c.

Senegal.

3 *neelgiriensis*

Halys neelgiriensis Distant 1893 A. M. N. H. (6) XI. 391.

H. nilgiriensis Distant 1902 Faun. Ind. Rh. I. 120.

India (Nilgiri Hills).

4 *sulcata*

|| *Cimex dentatus* Fabricius 1775 Syst. Ent. 702; Wolff 1801 Ic. Cim. II. 51, f. 48.

C. sulcatus Thunberg 1783 op. cit. 43.

Halys serrigera [Westwood] 1837 Cat. Hope I. 23.

H. serricollis [Westwood] l. c.

H. dentata H-S. 1844 VII, 60, f. 724.

H. dentatus Distant 1902 Faun. Ind. Rh. I. 119, f. 63.

India; Assam; Ceylon;
 China; Japan.

Foodplants: *Acacia arabica*; *Casuarina equisetifolia*; Cucurbitaceae.

Coenomorpha.

Coenomorpha Dallas 1851 List 153 a. 191; Stål 1865 Hem. Afr. I. 103; and 1876 Svensk. Vet. Handl. 14. no. 4. p. 45 (type *nebulosa*!).

Chipatula Distant 1898 A. M. N. H. (7) II. 312 (type *typica* = *splendidula*).

1 *agilis*

Chipatula agilis Schouteden 1904 A. E. S. Belg. XLVIII. 135.

German E. Africa.

sup. 366 *Nesogaeus*
 169 *hamulatus*

Madagascar

- 2 **bergrothi**
Coenomorpha bergrothi Haglund 1894 O. V. A. F. LI. 401. Kamerun.
- 3 **crassa**
Coenomorpha crassa Distant 1899 op. cit. IV. 428. Nyasaland; Mashonaland.
Chipatula capitata Distant l. c.
- 4 **implexa**
Coenomorpha implexa Distant 1889 Oates' Matabeleland (Ed. II.), p. 386. Matabeleland.
- 5 **insubida**
Halys insubida Germar 1837 Silb. Rev. Ent. V. 164; H-S. 1844 Wanz. VII. 59, f. 727. Cape Colony.
Coenomorpha ochripes Stål 1853 O. V. A. F. X. 216.
C. insubida Stål 1865 Hem. Afr. I. 105; and 1876 Svensk. Vet. Handl. 14. no. 4. p. 46.
- 6 **nebulosa**
Halys nebulosa Burmeister 1835 Handb. Ent. II. 363; H-S. 1844 Wanz. VII. 59, f. 725. Cape Colony.
Coenomorpha do. Dallas 1851 List, Pl. VII. f. 3; Stål 1865 Hem. Afr. I. 104.
- 7 **nervosa**
Coenomorpha nervosa Dallas 1851 List 192; Stål 1865 op. cit. 103; and 1876 Svensk. Vet. Handl. 14. no. 4. p. 46. Cape Colony; Transvaal; Mashonaland.
- 8 **schioedtei**
Coenomorpha schioedtei Bergroth 1893 A. M. N. H. (6) XII. 115. Kongo.
- 9 **segregata**
Coenomorpha segregata Bergroth l. c. Kongo.
- 10 **splendidula**
Coenomorpha splendidula Distant 1898 A. M. N. H. (7) II. 311. Nyasaland.
Chipatula typica Distant op. cit. 312.
- 11 **tibialis**
Atelocera tibialis Walker 1867 Cat. Het. I. 215. Guinea.
- 12 **variegata**
Pentatoma variegata Pal. Beauv. 1805 Ins.^o Afr. Amér. 82, Hém. Pl. 7. f. 3. Guinea.
Coenomorpha do. Stål 1865 Hem. Afr. I. 104.

Scribonia.

Stål 1865 Hem. Afr. I. 80 a. 102 (type *pilosa*).

- 1 **bipustulata**
Atelocera bipustulata Walker 1867 Cat. Het. I. 214. Nyasaland.
Scribonia do. Distant 1898 A. M. N. H. (7) II. 311.
- 2 **lydenburgi**
Scribonia lydenburgi Distant 1898 op. cit. 297. Transvaal.
- 3 **pilosa**
Coenomorpha pilosa Stål 1858 O. V. A. F. XV. 436. Portuguese East Africa.
Scribonia do. Stål 1865 Hem. Afr. I. 102.

Atelocera.

- Atelocera* Laporte 1832 Essai 55 a. 65; Stål 1865 Hem. Afr. I. 92; 1876 Svensk. Vet. Handl. 14. no. 4. p. 46 (type *armata*).
- Atelocerus* Burmeister 1835 Handb. Ent. II. 361; H-S. 1844 Wanz. VII. 49, Pl. CCXXXI. fig. A—F.
- Atelocera* Spinola 1850 Mem. Soc. Ital. Modena XXV. 31.
- 1 **armata**
Atelocera armata Laporte 1832 Essai 65, Pl. 55. f. 2; Stål 1865 Hem. Afr. I. 93. Senegal.
Atelocerus armatus H-S. 1844 Wanz. VII. 52, f. 720.

- 2 **caffra**
Atelocera caffra Stål 1853 O. V. A. F. X. 216; and 1865 Hem. Afr. I. 96. Cape Colony.
- 3 **foveata**
Atelocera foveata Dallas 1851 List 178; Stål 1865 op. cit. 97. Cape Colony.
A. lentiginosa Stål 1853 O. V. A. F. X. 216.
- 4 **lata**
Halys lata [Westwood] 1837 Cat. Hope I. 23. Cape Colony; Sierra Leone.
- 5 **limata**
Atelocerus limatus Germar 1837 Silb. Rev. Ent. V. 163; H-S. 1844 Wanz. VII. 52. Cape Colony; Transvaal.
Halys cineta H-S. 1840 op. cit. V. 67, f. 511.
Atelocera spinolae Stål 1853 O. V. A. F. X. 216.
A. limata Stål 1865 Hem. Afr. I. 95.
- 6 **malleata**
Atelocera malleata Distant 1890 C. R. S. E. Belg. XXXIV. p. LV. Kongo.
- 7 **natalensis**
Atelocera natalensis Stål 1853 O. V. A. F. X. 216; and 1865 Hem. Afr. I. 95. Cape Colony; Transvaal; Mashonaland.
- 8 **notatipennis**
Atelocera notatipennis Stål 1858 O. V. A. F. XV. 312; and 1865 Hem. Afr. I. 97; and 1876 Svensk. Vet. Handl. 14. no. 4. p. 47. Cape Colony; Damaraland.
- 9 **obscura**
Atelocera obscura Dallas 1851 List 177. Kongo.
- 10 **obsipata**
Atelocerus obsipatus Germar 1837 op. cit. 162; H-S. 1844 op. cit. VII. 52, f. 723. Cape Colony; Natal.
Atelocera obsipata Stål 1865 Hem. Afr. I. 98; and 1876 Svensk. Vet. Handl. 14. no. 4. p. 47.
- 11 **parvula**
Atelocera parvula Dallas 1851 List 178. S. Africa.
- 12 **raptor**
Atelocerus raptorius Germar 1837 op. cit. 163. Sierra Leone; Gambia; Cape Colony; Nyasaland.
- 13 **serrata**
Halys serrata Fabricius 1803 Syst. Rh. 181. Guinea; Calabar;
Atelocerus serratus H-S. 1844 op. cit. VII. 53, f. 721. Ashanti; Kongo;
Atelocera serrata Stål 1865 Hem. Afr. I. 96. Kamerun.
- 14 **spinulosa**
Pentatoma spinulosa Pal. Beauv. 1805 Ins. Afr. Amér. 83, Hém. Pl. 7. f. 5. Guinea; Calabar.
Atelocerus spinulosus H-S. 1844 op. cit. 51, f. 722.
Atelocera spinulosa Stål 1865 l. c.
- 15 **stictica**
Atelocerus sticticus [Westwood] 1837 op. cit. 20 Transvaal; Mashonaland; Senegal; Gambia; Portuguese East Africa.
Atelocera stictica Stål 1865 op. cit. 94.
- 16 **ustulata**
Atelocera ustulata Bolivar 1879 Ann. S. Españ. N. H. VIII. 137. German East Africa.

Nevisanus.

- Distant 1893 A. M. N. H. (6) XI. 391; and 1902 Faun. Ind. Rh. I. 122 (type *orientalis* = *alternans*).
- 1 **nagaensis**
Nevisanus nagaensis Distant 1893 op. cit. 393; and 1902 Faun. Ind. Rh. I. 123. Assam.

2 alternans

Halys alternans [Westwood] 1837 op. cit. 22.
Nevisanus orientalis Distant 1893 A. M. N. H. (6) XI. 392.
N. alternans Distant 1902 Faun. Ind. Rh. I. 122, f. 65.

N. India; Assam.

3 tectus

Dalpada tecta Walker 1867 Cat. Het. I. 224.
Nevisanus tectus Distant 1902 l. c. 123.

Assam.

Carenoplistus.

Carenoplistus Jakovlev 1882 Bull. S. N. Moscou LVI. (2) 349 (type *fixeni* = *acutus*).
Carenoplystus Lethierry et Severin 1893 Cat. Hém. I. 103.

1 acutus

Oestopis acuta Signoret 1880 Ann. Mus. Genova XV. 534.
Carenoplistus fixeni Jakovlev 1882 op. cit. 351; and 1887 H.
 S. E. Ross. XXI. 305.

Persia; S. Russia.

Adelolcus.

Bergroth 1893 A. M. N. H. (6) XII. 116 (type *solitarius*).

1 solitarius

Adelolcus solitarius Bergroth op. cit. 117.

Kongo.

Memmia.

Stål 1865 Hem. Afr. I. 77 a. 99 (type *femoralis*).

1 excurrens

Memmia excurrens Bergroth 1893 A. M. N. H. (6) XII. 117.

Kongo.

2 femoralis

Atelocera femoralis Signoret 1861 A. S. E. France (4) I. 925,
 Pl. 13. f. 3.

Madagascar.

Memmia do. Stål 1865 op. cit. 99.

3 vicina

Atelocera vicina Signoret 1861 op. cit. 926.
Memmia do. Stål 1865 l. c.

Madagascar.

Macropelta.

Bergroth 1893 A. M. N. H. (6) 118 (type *cowani*).

1 cowani

Memmia cowani Distant 1882 Ent. Mo. Mag. XIX. 108.

Madagascar.

Zaplutus.

Bergroth 1893 op. cit. 119 (type *madagascariensis*).

1 madagascariensis

Atelocera madagascariensis Fallou 1889 Le Nat. XI. 120.
Zaplutus do. Bergroth 1893 op. cit. 120.

Madagascar.

Solenogaster.

Reuter 1887 Ent. Tidskr. VIII. 80 (type *longirostris*).

1 longirostris

Solenogaster longirostris Reuter op. cit. 81.

Madagascar.

Paraleria.

Reuter 1887 Ent. Tidskr. VIII. 83 (type *annulipes*).

1 annulipes

Paraleria annulipes Reuter 1887 l. c.

Madagascar.

Nealeria.

|| *Aleria* Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 37 (type *asopoides*).
Nealeria Bergroth 1893 A. M. N. H. (6) XII. 119 (new name).

sup. 366

Paranevisanus

subgenericus

India

Sronachlachar Kirkaldy 1900 Entom. XXXIII. 242 (new name).
Stronachlachar Waterhouse 1902 Ind. Zool. 358 (laps. cal.).

- 1 **asopoides** Madagascar.
Aleria asopoides Stål 1876 op. cit. 47.
- 2 **diminuta** Madagascar.
Nealeria diminuta Horváth 1904 Ann. Mus. Hung. II. 255.

Peltasticus.

Dallas 1851 List 152 a. 181 (type *punctatus*).

- 1 **punctatus** Transvaal.
Peltasticus punctatus Dallas op. cit. 182, Pl. 6. f. 5.

Mustha.

Amyot et Serville 1843 Hém. 106; Reuter 1890 Rev. Ent. IX. 262; Horváth 1907 Bull. Mus. H. N. Paris for 1906 p. 514 (type *serrata* = *spinosula*).

- 1 **gigantea** Persia.
Mustha gigantea Horváth 1907 op. cit. 515—16.
- 2 **incana** Persia.
Mustha incana Stål 1876 op. cit. 48; Reuter 1890 op. cit. 263; Horváth 1907 op. cit. 516.
M. dentata Jakovlev 1878 Тр. Русск. Эн. Общ. X. 78, Pl. 2. f. 1.
- 3 **longispinis** Asia minor.
Mustha longispinis Reuter 1890 op. cit. 264.
- 4 **morgani** W. Persia.
Mustha morgani Horváth 1907 op. cit. 514 a. 516.
- 5 **serrata** Syria [America in error].
Lygaeus serratus Fabricius 1794 Ent. Syst. IV. 134.
Mustha serrata Dallas 1851 List 191; Reuter 1890 l. c.; Horváth 1907 op. cit. 516.
- 6 **spinosula** S. Russia; Greece; Turkey; Egypt; Asia minor; Persia.
Halys spinosula Lefebvre 1831 Guér. Mag. Zool. I. 21, Pl. 21; H-S. 1839 Wanz. IV. 99, f. 446; and 1844 VII. 56.
Mustha serrata Amyot et Serville 1843 Hém. 106 (not Fabricius).
M. spinosula Reuter 1890 op. cit. 263; Horváth 1907 l. c.
Foodplant: Cypress.

Orthoschisops.

Orthoschisops Spinola 1850 Mem. Soc. Ital. Modena XXV. 35 (type *latispina*).
Orthoschizops Spinola 1850 op. cit., sep. 91; Stål 1865 Hem. Afr. I. 105; and 1876 Svensk. Vet. Handl. 14. no. 4. p. 48 (laps. cal.).

- 1 **assimilis** [India? probably Cape Colony].
Halys assimilis [Westwood] 1837 Cat. Hope I. 21.
Orthoschizops do. Distant 1900 P. Zool. Soc. London 809, Pl. LII. f. 2; and 1902 Faun. Ind. Rh. I. 125, f. 67.
- 2 **conspurcata** Cape Colony.
Orthoschizops conspurcata Stål 1865 Hem. Afr. I. 107.
- 3 **hians** Cape Colony.
Orthoschizops reticulata Stål 1865 op. cit. 108.
O. hians Stål 1866 op. cit. IV. 253; and 1876 Svensk. op. cit. 48.
- 4 **humeralis** — ?
Orthoschizops humeralis Stål 1865 Hem. Afr. I. 107.
- 5 **latispina** Cape Colony.
Halys latispina Germar 1837 Silb. Rev. Ent. V. 165.
Orthoschizops do. Spinola 1850 op. cit. sep. 93 (as sp. nov.).
- 6 **lineaticeps** Cape Colony.
Orthoschizops lineaticeps Stål 1865 op. cit. 108.

- 7 **obsoleta** Cape Colony.
Orthoschizops obsoleta Stål 1865 op. cit. 107.
- 8 **plagosa**
Orthoschizops plagosa Distant 1892 Ent. Mo. Mag. 238.
- 9 **reticulata** Cape Colony; Transvaal.
Cimex reticulatus Thunberg 1783 Nov. ins. sp. II. 42.
Halys frondosa Germar 1837 Silb. Rev. Ent. V. 164; H-S. 1844 Wanz. VII. 58, f. 726.
Orthoschizops frondosa Stål 1865 op. cit. 106.
O. reticulata Stål 1866 op. cit. IV. 253; and 1876 Svensk. Vet. Handl. 14. no. 4. p. 48.
- 10 ? **rugosa** Cape Colony.
Atelocerus rugosus [Westwood] 1837 l. c.
Orthoschizops? do. Distant 1900 P. Zool. S. London 809, Pl. III. f. 3.

Artiazontes.

- Distant 1881 T. E. S. London 105; Bergroth 1891 Rev. Ent. X. 203 (type *alatus*).
 1 **alatus** Madagascar.
Artiazontes alatus Distant 1881 l. c., Pl. 3. f. 2; Bergroth 1891 l. c.

Eurus.

- Eurus* Dallas 1851 List 153 a. 189; Stål 1865 Hem. Afr. I. 109; Mayr 1866 Novara Exp. Zool. II. 61 (type *rotundatus* = *dilatatus*).
Brachymenum Mayr 1864 Verh. zool. bot. Ges. Wien XIV. 909 (type *circuliventre* = *dilatatus*).
Eurus Lethierry et Severin 1893 Cat. I. 105 ("emend.").
- 1 **dilatatus** Cape Colony; Natal.
Cimex dilatatus Thunberg 1822 Hem. rostr. cap. II. 5.
Eurus rotundatus Dallas 1851 op. cit. 190, Pl. VII. f. 2.
Brachymenum circuliventre Mayr 1864 l. c.
Eurus dilatatus Stål 1865 l. c.; Mayr 1866 Novara l. c.

Triplatyx.

- Horváth 1904 Ann. Mus. Hung. II. 255 (type *quadraticeps*).
 1 **quadraticeps** Madagascar.
Triplatyx quadraticeps Horváth op. cit. 256.

Phricodus.

- Phricodus* Spinola 1839 Rev. Mag. Zool. 331; Stål 1865 Hem. Afr. I. 91 (type *hystrix*).
Stenotoma [Westwood] 1844 P. E. S. London p. CXIX; and 1847 T. E. S. London IV. 248 (type *desjardinsii* = *hystrix*).
- 1 **hystrix** Cape Colony; Madagascar; Mauritius.
Aradus hystrix Germar 1837 Silb. Rev. Ent. V. 134.
Phricodus do. Spinola 1839 op. cit., Pl. 40; Signoret 1849 A. S. E. F. (2) VII. 327, Pl. 9. f. 3; Stål 1865 op. cit. 92.
Stenotoma desjardinsii Westwood 1844 P. E. S. London p. CXIX; and 1847 T. E. S. London 249, Pl. 18. f. 6.
Phricodus fasciatus Signoret 1861 op. cit. (3) VIII. 924.

Asyla.

- Walker 1867 Cat. Het. II. 403 (type *indicatrix*).
 1 **faea** Burma.
Asyla faea Distant 1901 T. E. S. London 107; and 1902 Faun. Ind. Rh. I. 124.
- 2 **indicatrix** "India".
Asyla indicatrix Walker 1867 l. c.; Distant 1902 l. c., f. 66.

Tribe 6.

Diemeniini.(= *Platygoraria* Bergroth.)

Stål 1876 Svensk. Vet. Handl. 14. no. 4. pp. 34—35 (nos. 1—13) (table of 7 genera)
 § Bergroth 1905 P. Zool. S. London 1905 vol. II. pp. 146—54 stridulating organs

Genera	Australasian			Oriental			Ethiopian		Palaearctic		American		Total Species
	Australia	New Zealand	Austro-Malayan	Indo-Malayan	Indo-Chinese	Philippines	Africa	Mascarene	Manchurian	Palaearctic proper	America (excl. Chile)	Chile a. South Patagonia	
<i>Mecidea</i>	—	—	—	—	1	—	2	1	1	—	1	—	6
<i>Diemenia</i>	5	1	—	—	—	—	—	—	—	—	—	—	5
<i>Niarius</i>	5	—	—	—	—	—	—	—	—	—	—	—	5
<i>Oncocoris</i>	18	—	1	—	—	—	—	—	—	—	—	—	19
<i>Eurynannus</i>	1	—	—	—	—	—	—	—	—	—	—	—	1
<i>Commus</i>	2	—	—	—	—	—	—	—	—	—	—	—	2
<i>Levenna</i>	1	—	—	—	—	—	—	—	—	—	—	—	1
<i>Gilippus</i>	1	—	—	—	—	—	—	—	—	—	—	—	1
<i>Alphenor</i>	1	—	—	—	—	—	—	—	—	—	—	—	1
<i>Caridodphthalmus</i> . .	—	—	4	—	—	—	—	—	—	—	—	—	4
	34	1	5	—	1	—	2	1	1	—	1	—	45

Total: Australasian 40; Oriental 1; Ethiopian 3; Palaearctic 2; American 1.
 Overpoweringly Continental Australian.

Mecidea.

Mecidea Dallas 1851 List 131 a. 139; Stål 1865 Hem. Afr. I. 132; and 1872 Svensk. Vet. Handl. 10. no. 4. p. 17 (type *indica*).

Cerataulax Signoret 1851 A. S. E. France (2) IX. 335 (type *quadrivittatus*).

1 indica

India (Bombay, Puna).

Mecidea indica Dallas 1851 List 139, Pl. 3. f. 3; Distant 1902 Faun. Ind. Rh. I. 140, f. 81.

2 linearis

Mecidea linearis Dallas l. c.

—? African

3 longula

Mecidea longula Stål 1854 O. V. A. F. XI. 233; and 1856 op. cit. XIII. 57.

Texas; St. Bartholemew Isle.

4 pallida

Mecidea pallida Stål 1854 O. V. A. F. XI. 233; and 1865 Hem. Afr. I. 132.

Upper Nubia.
var. dr.
*west asia***5 proluxa**

Mecidea proluxa Stål 1858 O. V. A. F. XIV. 312; and 1865 Hem. Afr. I. 133.

Bechuanaland.

6 quadrivittata

Cerataulax quadrivittatus Signoret 1851 op. cit. 336, Pl. 10. f. 9.
Mecidea quadrivittata Stål 1865 l. c.

Mauritius.

7 tellinii

Mecidea tellinii Schouteden 1905 A. S. E. Belg. XLIX. 7.

Erythraea.

Diemenia.

|| *Platycoris* Guérin 1838 Voy. Coquille Ins. 169; Stål 1867 O. V. A. F. XXIV. 507 (type *rubromarginatus*).

Diemenia Spinola 1850 Mem. Soc. Ital. Modena XXV. 35 (type *deyrollei*).

Gueriniellus Kirkaldy 1904 Entom. XXXVII. 280 (new name).

- 1 **affinis**
Platycoris affinis Dallas 1851 List 154. "Australia"; Tasmania.
- 2 **deyrollei**
Diemenia deyrollei Spinola 1850 Mem. Soc. Ital. Modena XXV. 91. Tasmania.
- 3 **distincta**
Platycoris distinctus Montandon 1903 Bull. Soc. Sci. Bucarest XII. 286. Victoria.
- 4 **immarginata**
Platycoris immarginatus Dallas 1851 List 154; Hutton 1898 T. N. Zealand Inst. XXX. 171. "Australia"; [? New Zealand].
- 5 **rubromarginata**
Platycoris rubromarginata Guérin 1838 l. c., Pl. 11. f. 16; Amyot et Serville 1843 Hém. 114. New South Wales.

Niarius.

Stål 1867 O. V. A. F. XXIV. 507 (type *umbrosus*).

- 1 **haglundii**
Niarius haglundii Montandon 1903 Bull. Soc. Sci. Bucarest XII. 289. Victoria.
- 2 **illuminatus**
Niarius illuminatus Distant 1881 T. E. S. London 211. Queensland (Gayndah).
- 3 **tryoni**
Niarius tryoni Bergroth 1905 P. Zool. S. London (2) p. 150. Queensland.
- 4 **umbrosus**
Platycoris umbrosus Stål 1865 A. S. E. France (4) V. 164. Queensland.
- 5 **venosus**
Niarius venosus Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 38. Queensland.

Oncocoris.

Oncocoris Mayr 1866 Verh. zool. bot. Ges. Wien XVI. 362; and Novara Exped. Zool. II. 44; Bergroth 1905 P. Zool. S. London 1905 (vol. II.) 148 (type *punctatus*).

Tarba Walker 1867 Cat. Het. I. 236 (type *favillacea*).

- 1 **apicalis**
Dictyotus opicalis Dallas 1851 List 141. W. Australia.
- 2 **coelebs**
Cimex coelebs Fabricius 1775 Syst. Ent. 711. Queensland.
Oncocoris do. Stål 1868 Svensk. Vet. Handl. VII. no. 11. p. 23.
- 3 **confinis**
Dictyotus confinis Dallas 1851 List 143. "Australia".
- 4 **detersus**
Mormidea detersa Walker 1868 Cat. Het. III. 554. Ceram.
- 5 **dimidiatus**
Oncocoris dimidiatus Montandon 1903 Bull. Soc. Sci. Bucarest XII. 291. Victoria.
- 6 **discoideus**
Dictyotus discoideus Dallas 1851 List 144. N. Territory of S. Australia.
- 7 **favillaceus**
Tarba favillacea Walker 1867 Cat. Het. I. 237. "N. Australia".
- 8 **geniculatus**
Dictyotus geniculatus Dallas 1851 List 142. S. Australia.
D. lineatus Walker 1867 op. cit. 181.
- 9 **insulanus**
Oncocoris insulanus Bergroth 1891 Rev. Ent. X. 202. Birara (New Britain).

- 10 **lethierryi** Australia.
Oncocoris lethierryi Montandon 1903 op. cit. 294.
 [O. *lethievryi* Zool. Record.]
- 11 **modestus** New South Wales.
Oncocoris modestus Horváth 1902 Termész. füzet. XXV. 601.
- 12 **ovalis** Queensland.
Oncocoris ovalis Bergroth 1905 P. Z. S. London (2) 153.
- 13 **punctatus** New South Wales.
Oncocoris punctatus Mayr 1866 Verh. Zool.-bot. Ges. Wien
 XVI. 362; and Novara Exped. Zool. II. 46, Pl. 1. f. 6.
- 14 **semimarginatus** W. Australia.
Pentatoma semimarginata [Westwood] 1837 Cat. Hope I. 42.
- 15 **similis** Tasmania.
Dictyotus similis Dallas 1851 List 143.
Pentatoma truncatula Walker 1867 Cat. Het. II. 311.
- 16 **subsimilis** Victoria.
Oncocoris subsimilis Montandon 1903 op. cit. 293.
- 17 **transversus** Murray Isl.
Dictyotus transversus Carpenter 1891 P. Dublin Soc. (2) VII.
 138, Pl. 12. f. 1.
- 18 **truncatellus** "Australia".
Eysarcoris? truncatellus Walker 1868 Cat. Het. III. 558.
- 19 **ventralis** N. Territory of S
 Australia.
Mormidea ventralis Walker 1868 op. cit. 555.

Eurynannus.

- Bergroth 1905 P. Zool. S. London 1905 (vol. II.) 153 (type *lippus*).
 1 **lippus** Queensland.
Eurynannus lippus Bergroth op. cit. 154.

Commus.

- Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 62 a. 90 (type *elegans*).
 1 **elegans** "N. Australia".
Cimex elegans Donovan 1805 Ins. New Holl., Hem. Pl. 3. f. 7.
Strachia fasciata Signoret 1851 A. S. E. France (2) IX. 337,
 Pl. 10. f. 5.
- 2 **minor** Queensland.
Commus minor Bergroth 1905 op. cit. 152.

Levenna.

- Bergroth 1905 P. Zool. S. London 1905 (vol. II.) 151 (type *salax*).
 1 **salax** Queensland; S. Australia.
Levenna salax Bergroth 1905 op. cit. 152.

Gilippus.

- Stål 1867 O. V. A. F. XXVII. 506 (type *hostilis*).
 1 **hostilis** Victoria.
Gilippus hostilis Haglund 1868 Stett. E. Z. XXIX. 153.

Alphenor.

- Stål 1867 O. V. A. F. XXVII. 508 (type *cuspidatus*).
 1 **cuspidatus** N. Queensland.
Alphenor cuspidatus Stål 1869 Berlin. E. Z. XIII. 227.

Caridophthalmus.

|| *Allocotus* Mayr 1865 Verh. zool. bot. Ges. Wien XIV. 906 (type *rogenhoferi*).

Caridophthalmus Assmann 1877 Ber. Vers. Nat. Münch. L. p. 191; Signoret 1880 Ann. Mus. Genova XV. 532; Bergroth 1890 Ent. Mo. Mag. (2) I. 132 (type *sexspinosus*).

1 **mayrii**

Papua.

Caridophthalmus mayrii Signoret 1880 Ann. Mus. Genov. XV. 532.

2 **rogenhoferi**

Timor; Flores.

Allocotus rogenhoferi Mayr 1865 l. c.; and 1866 Novara Exped. Zool., Hem. Pl. I. f. 2.

3 **sayeri**

Papua.

Allocotus sayeri Distant 1888 T. E. S. London 477, Pl. 13. f. 1.

4 **sexspinosus**

Papua.

Caridophthalmus sexspinosus Assmann 1877 op. cit.; and Assmann in Bergroth 1890 Ent. Mo. Mag. (2) I. 132.

Tribe 7.

Myrocheini.

Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 52 (table of 7 genera).

Genera	Australasian			Oriental			Ethiopian		Palaearectic		American		Total Species
	Australia	New Zealand	Austro-Malayan	Indo-Malayan	Indo-Chinese	Philippines	Africa	Mascarene	Palaearectic proper	Manchurian	America (excl. Chile)	Chile & South Patagonia	
<i>Laprius</i>	—	—	—	—	2	1	—	—	—	1	—	—	3
<i>Delegorguella</i>	—	—	—	—	—	—	9	—	—	—	—	—	9
<i>Ennius</i>	—	—	—	—	—	—	4	—	—	—	—	—	4
<i>Erachteus</i>	—	—	—	—	—	—	6	—	—	—	—	—	6
<i>Myrochea</i>	—	—	—	—	—	—	2	—	—	—	—	—	2
<i>Ochrorrhaca</i>	—	—	—	—	1	—	—	—	—	—	—	—	1
<i>Neococalus</i>	—	—	—	—	—	—	2	—	—	—	—	—	2
<i>Aednus</i>	—	—	—	2	2	2	—	—	—	—	—	—	5
<i>Aednulus</i>	—	—	—	1	—	—	—	—	—	—	—	—	1
<i>Praetextatus</i>	—	—	—	—	1	—	—	—	—	—	—	—	1
<i>Valescus</i>	—	—	—	—	1	—	—	—	—	—	—	—	1
<i>Dissocolpus</i>	—	—	—	—	—	—	—	1	—	—	—	—	1
	—	—	—	3	7	3	23	1	—	1	—	—	36

Total: Oriental 13; Ethiopian 24; Palaearectic 1.

The tribe therefore does not occur in the Australasian or in America, and enters the Palaearectic only in the Manchurian.

Laprius.

Stål 1861 O. V. A. F. XVIII. 200; and 1867 op. cit. XXIV. 505 (type *gastricus*).

Birma.

1 **antennatus**

Laprius antennatus Distant 1901 T. E. S. London 108; and 1902 Faun. Ind. Rh. I. 130.

Japan; "China".

2 **gastricus**

Cimex gastricus Thunberg 1822 Hem. rostr. Cap. II. 1.
Paramecocoris do. Stål 1855 op. cit. XII. 182; and 1856 op. cit. XIII. 56.

3 **varicornis***Sciocoris varicornis* Dallas 1851 List 136.*Laprius* do. Distant 1902 l. c., f. 71.India; Assam; Burma;
Cochin China; N.
China; Japan; Phi-
lippines.**Delegorguella.***Delegorguella* Spinola 1850 Mem. Soc. Ital. Modena XXV. 33; and sep. p. 73 (type *elliptica*).*Paramecocoris* Stål 1853 O. V. A. F. X. 215; and 1861 op. cit. XVIII. 199 (type *ellipticus* = *atomarius*).1 **atomaria***Sciocoris atomarius* Dallas 1851 List 136.|| *Paramecocoris ellipticus* Stål 1853 op. cit. X. 215.*P. atomarius* Stål 1865 Hem. Afr. I. 115.Cape Colony; Trans-
vaal.2 ? **cribrosa***Sciocoris cribrosa* Klug 1845 Symb. Phys. V, Pl. 44. f. 4.

Arabia.

3 **elliptica***Delegorguella elliptica* Spinola 1850 op. cit. sep. 74.

Cape Colony.

4 **lauta***Paramecocoris lautus* Stål 1861 O. V. A. F. XVIII. 201; and
1865 Hem. Afr. I. 113.

Cape Colony.

5 ? **nigriventris***Cimex nigriventris* Germar 1837 Silb. Rev. Ent. V. 181.

Cape Colony.

6 **pallida***Sciocoris pallidus* Dallas 1851 List 137.

"S. Africa".

7 **phalerata***Paramecocoris phaleratus* Stål 1853 O. V. A. F. X. 215; and
1865 Hem. Afr. I. 113.

Cape Colony.

8 **ventralis***Cimex ventralis* Germar 1837 l. c.*Paramecocoris fatidicus* Stål 1853 O. V. A. F. X. 215.*P. ventralis* Stål 1865 Hem. Afr. I. 114.

Transvaal.

9 **vittiventris***Paramecocoris vittiventris* Stål 1861 O. V. A. F. XVIII. 200;
and 1865 Hem. Afr. I. 114.Transvaal; Damara-
land.**Ennius.**Stål 1861 O. V. A. F. XVIII. 199 (type *ater*).1 **ater***Sciocoris ater* Dallas 1851 List 137.*Paramecocoris* do. Stål 1865 Hem. Afr. I. 112.

Guinea; Sierra Leone.

2 **longulus***Cimex longulus* Germar 1837 Silb. Rev. Ent. V. 180.*Sciocoris* do. H-S. 1844 Wanz. VII. 86, l. 753.*Paramecocoris* do. Stål 1865 l. c.

Cape Colony.

3 **monteironis***Ennius monteironis* Distant 1892 Ent. Mo. Mag. (2) III. 188.Portuguese East Afri-
ca; Transvaal.4 **morio***Sciocoris morio* Dallas 1851 l. c.

Gambia.

Erachteus.Stål 1861 O. V. A. F. XVIII. 199 (type *lutulentus*).1 **boris***Sciocoris boris* Dallas 1851 List 138.*Erachteus* do. Stål 1862 O. V. A. F. XIX. 496.*Paramecocoris* do. Stål 1865 Hem. Afr. I. 116.British Central Africa;
Kamerun.

- 2 **castaneus**
Erachteus castaneus Distant 1899 A. M. N. H. (7) II. 431. E. C. Africa.
- 3 **lutulentus** ^{f k}
Paramecocoris lutulentus Stål 1853 O. V. A. F. X. 215; and
 Stål 1865 Hem. Afr. I. 115. Cape Colony; Trans-
 vaal.
- 4 **spinosus**
Pentatoma spinosa Signoret 1851 Rev. Mag. Zool. 442. Guinea; Calabar.
Paramecocoris do. Stål 1865 Hem. Afr. I. 116.
- 5 **tibialis**
Sciocoris tibialis Dallas 1851 List 138. Kongo.
Erachteus do. Stål 1862 O. V. A. F. XIX. 496.
Paramecocoris do. Stål 1865 Hem. Afr. I. 116.
- 6 **ventralis**
Erachteus ventralis Breddin 1903 Soc. Ent. XVIII. 115. German East Africa.

Myrochea.

Amyot et Serville 1843 Hém. 135; Stål 1865 Hem. Afr. I. 117 (type *vittata* =
aculeata).

- 1 **aculeata**
Pentatoma aculeata [Westwood] 1837 Cat. Hope I. 44. Senegal.
Myrochea vittata Amyot et Serville 1843 Hém. 136.
M. aculeata Stål 1865 l. c.
- 2 **distincta**
Myrochea distincta Schouteden 1902 Wien. E. Z. XXI. 233. Kongo.
Odius angulatus Distant 1903 A. M. N. H. (7) XII. 470.

Ochrorrhaca.

Breddin 1904 Wien. E. Z. XXIII. 3 (type *truncaticornis*).

- 1 **truncaticornis**
Ochrorrhaca truncaticornis Breddin l. c. Tonking.

Neococalus.

|| *Cocalus* Stål 1861 O. V. A. F. XVIII. 200; and 1865 Hem. Afr. I. 119 (type
leucogrammus).

Neococalus Bergroth 1891 Rev. Ent. X. 214 (new name).

- 1 **assimilis**
Cocalus assimilis Horváth 1904 Ann. Mus. Hung. II. 257. German East Africa.
- 2 **clausus**
 || *Cimex leucogrammus* Germar 1837 Silb. Rev. Ent. V. 179. Cape Colony; Guinea;
Sciocoris do. H-S. 1844 Wanz. VII. 88, f. 756. Sierra Leone;
Cocalus do. Stål 1865 Hem. Afr. I. 119. Ashanti; Natal.
Sciocoris clausus Walker 1867 Cat. Het. I. 175.

Aednus.

Dallas 1851 List 131 a. 144 (type *obscurus*).

- 1 **ellipticus**
Aednus ellipticus Breddin 1901 Abh. Nat. Ges. Halle XXIV. 39. Celebes.
- 2 **notatus**
Aednus notatus Haglund 1868 Stett. E. Z. XXIX. 154. Philippines (Luzon).
- 3 **obscurus**
Aednus obscurus Dallas 1851 List 145, Pl. 3. f. 5; Breddin
 1900 Stett. E. Z. LXI. 291; Distant 1902 Faun. Ind.
 Rh. I. 133, f. 74. Assam; Burma; Bor-
 neo; Sumatra; Java;
A. similis Haglund 1868 l. c. Philippines; Malay
 Pen.
- 4 **rugosus**
Aednus rugosus Haglund 1868 l. c. Java.

5 **ventralis**

Aednus ventralis Dallas 1852 T. E. S. London II. 10, Pl. 1.
f. 3; Distant 1902 l. c.

N. India; Assam
China (Hong Kong)

Aednulus.

Breddin 1901 Abh. Nat. Ges. Halle XXIV. 40 (type *podopoides*).

1 **podopoides**

Aednulus podopoides Breddin 1901 op. cit. 41, Pl. 1. f. 1.

Celebes.

Praetextatus.

Distant 1901 T. E. S. London 583; and 1902 Faun. Ind. Rh. I. 134 (type *typicus*).

1 **typicus**

Praetextatus typicus Distant 1901 T. E. S. London 584; 1902
Faun. Ind. Rh. I. 134, f. 75.

Burma.

Valescus.

Distant 1901 T. E. S. London 584; and 1902 Faun. Ind. Rh. I. 134 (type *nigricans*).

1 **nigricans**

Valescus nigricans Distant 1901 T. E. S. London 585; and
1902 Faun. Ind. Rh. I. 135, f. 76.

Ceylon.

Dissocolpus.

Bergroth 1905 A. S. E. Belg. XLIX. 368 (type *fissiceps*).

1 **fissiceps**

Dissocolpus fissiceps Bergroth 1905 op. cit. 369.

Madagascar; Nossi-be.

Tribe 8.

Sciocorini.

Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 49 (table of 4 genera).

Genera	Australasian			Oriental			Ethiopian		Palaeartic		American		Total Species
	Australia	New Zealand	Austro Malayan	Indo Malayan	Indochinese	Philippines	Africa	Mascarene	Palaeartic proper	Manchurian	America (excl. Chile)	Chile a. South Patagonia	
<i>Dyroderes</i>	—	—	—	—	—	—	—	—	1	—	—	—	1
<i>Timuria</i>	—	—	—	—	—	—	—	—	—	2	—	—	2
<i>Sciocoris</i>	2	—	—	—	4	—	7	2	30	5	—	1	47
<i>Menedemus</i>	—	—	—	—	1	—	—	—	—	—	—	—	1
<i>Masthletinus</i>	—	—	—	—	—	—	—	—	—	2	—	—	2
<i>Menaccarus</i>	—	—	—	—	—	—	—	—	9	—	—	—	9
<i>Eupododus</i>	—	—	—	—	—	—	6	—	—	—	—	—	6
	2	—	—	—	5	—	13	2	40	9	—	1	63

Total: Australasian 2; Oriental 5; Ethiopian 15; Palaeartic 49; Chili 1.

Dyroderes.

Dyroderes Spinola 1837 Essai Hém. 311 (type *umbraculatus*).

Doryderes Amyot et Serville 1843 Hém. 121 ("emend.").

Dyrodore Spinola 1850 Mem. Soc. Ital. Modena XXV. 35 (laps. cal.!).

1 **umbraculatus**

Acanthia umbraculata Fabricius 1775 Syst. Ent. 695.

A. umbraculosa Panzer 1796 Faun. Germ. 33. f. 14¹).

Mediterranean basin;
S. Russia.

¹) Not cited by Sherborn.

- || *Cimex marginatus* Fabricius 1798 Ent. Syst. Suppl. 532.
C. umbraculatus Wolff 1802 Ic. Cim. 102, Pl. X. f. 96.
Edessa marginata Panzer (after 1803) op. cit. (Ed. II!) 33 f. 12¹).
Pentatoma aparines Dufour 1833 Mém. sav. étr. Ac. Sci.
 France IV. 159, Pl. I. fig. 11 etc.
Sciocoris marginatus Brullé 1835 Hist. Ins. 398, Pl. 31. f. 3;
 Fieber 1851 Abh. böhm. Ges. Wiss. (5) VII. 437.
Dyrodere do. Puton 1881 Syn. Hém. France II. 44.
 §§ Dufour l. c. et seqq. (anatomy).
 Foodplant: *Galium aparine*.

Timuria.

Horváth 1903 Ann. Mus. Hung. I. 402 (type *melanocera*).

1 ? elliptica

Alia elliptica H-S. 1840 Wanz. V. 79, f. 524.
Timuria? do. Horváth 1903 op. cit. 403.

Siberia.

2 melanocera

Timuria melanocera Horváth 1903 l. c.

Mongolia.

Sciocoris.

Fallén 1829 Hem. Svec. 20; Fieber 1851 Abh. böhm. Ges. Wiss. (5) VII. 436; Stål
 1865 Hem. Afr. I. 120 (type *umbrinus* = *cursitans*).

1 agnatus

Sciocoris agnatus Jakovlev 1903 Русск. Эн. Обзор. III. 191.

Turkestan.

2 amyoti

Sciocoris amyoti Signoret 1861 A. S. E. France (3) VIII. 924;
 Stål 1865 Hem. Afr. I. 121.

Madagascar.

3 angularis

Sciocoris angularis Puton 1889 Rev. Ent. VIII. 298.

Canary Isles.

4 angusticollis

Sciocoris angusticollis Puton 1895 op. cit. XIV. 83.

Algeria.

5 assimilis

Sciocoris assimilis Fieber 1851 op. cit. 442; and 1861 Eur.
 Hem. 359.

Germany.

6 atticus

Sciocoris atticus Horváth 1907 Ann. Mus. Hung. V. 293.

Greece.

7 capitatus

Sciocoris capitatus Jakovlev 1882 Bull. S. N. Moscou LVI.
 (2) 347.

Persia.

8 conspurcatus

Sciocoris conspurcatus Klug 1845 Symb. phys. V. Pl. 44. f. 2;
 Fieber 1851 Abh. op. cit. 443.

Spain; N. Africa.

9 convexiusculus

Sciocoris convexiusculus Puton 1874 Pet. nouv. ent. I. 439;
 and 1876 A. S. E. France (5) VI. 24.

Algeria.

10 cursitans

Naucoris cursitans Fabricius 1794 Ent. Syst. IV. 67.

Cimex terreus Schrank 1801 Faun. Boic. II. 75.

Cydnus umbrinus Fallén 1807 Mon. Cim. 54 (not Wolff).

Sciocoris terreus Fieber 1851 Abh. böhm. G. W. (5) VII. 449;
 and 1861 Eur. Hem. 361; Douglas and Scott 1865
 Brit. Hem. I. 62, Pl. 2. f. 4.

S. cursitans Saunders 1892 Hem. Het. Brit. Isl. 23, Pl. 2. f. 2.

Hab. under moss and stones at roots of grass etc.

Europe; Asia Minor;
 S. Siberia.

¹) Reuter incorrectly cites 1793.

- 11 ? **deficiens** St. Vincent Is.
Sciocoris deficiens Walker 1867 Cat. Het. I. 173.
- 12 **dellocephalus** Hungary; S. Russia
Sciocoris dellocephalus Fieber 1861 Eur. Hem. 356.
Menaccarus do. Puton 1881 Syn. Hém. France II. 38.
- 13 **dilutus** Kashgaria.
Sciocoris dilutus Jakovlev 1903 Русск. ЭнТ. Обозр. III. 191.
- 14 **distinctus** Hungary; S. E. Russia;
Sciocoris distinctus Fieber 1851 Abh. böhm. G. W. (5) VII. S. Siberia.
450; and 1861 Eur. Hem. 357.
- 15 **fissus** S. France; Spain;
Sciocoris fissus Mulsant et Rey 1866 A. S. Linn. Lyon (2) XIV. Italy; Algeria.
20; Puton 1881 op. cit. 41.
var. (b) **scutellaris** Algeria.
Sciocoris fissus var. *scutellaris* Puton 1884 Rev. Ent. III. 147.
- 16 **fumipennis** Italy; Istria; Dal-
Sciocoris fumipennis Puton 1881 B. S. E. France (6) I. p. LXI. matia.
- 17 **fuscosparsus** S. W. Africa.
Sciocoris fuscosparsus Stål 1858 O. V. A. F. XV. 312; and
1865 Hem. Afr. I. 122.
- 18 **granulatus** Cape Colony.
Sciocoris granulatus Fieber 1851 Abh. böhm. G. W. (5) VII. 444.
- 19 **gravenhorstii** Algeria; Germany.
Sciocoris gravenhorstii Fieber 1851 Abh. böhm. G. W. (5) VII. 446.
S. gravenhorstii Fieber 1861 Eur. Hem. 360.
S. lepicuri Mulsant et Rey 1866 op. cit. 27; Horváth 1903
Ann. Mus. Hung. I. 402.
- 20 **helferii** Mediterranean basin;
? *Halys lusitanicus* H-S. (?) Faun. Germ. 114. S. Russia; Persia;
Sciocoris helferii Fieber 1851 Abh. op. cit. 449. Turkestan; Madeira;
S. helferi Fieber 1861 Eur. Hem. 361; Hutton 1898 T. N. Canary Isles [New
Zealand Inst. XXX. 170. Zealand in error].
- 21 **homalonotus** W. Mediterranean
Sciocoris homalonotus Fieber 1851 Abh. böhm. G. W. (5) basin; Hungary
VII. 448; and 1861 Eur. Hem. 359; Puton 1881 Syn. Tunis.
Hém. France II. 40.
- 22 ? **indicator** Queensland.
Sciocoris indicator Walker 1868 Cat. Het. III. 539.
- 23 **indicus** India (throughout).
Sciocoris indicus Dallas 1851 List 132; Distant 1902 Faun.
Ind. Rh. 126, f. 68.
- 24 ? **kingii** Chili.
Sciocoris kingii Reed 1899 Rev. chilén. II. 130.
- 25 **lateralis** India (Kunur).
Sciocoris lateralis Fieber 1851 Abh. böhm. G. W. (5) VII. *Ceylon*
445; Distant 1902 l. c.
- 26 **lautus** Turkomania.
Sciocoris lautus Horváth 1903 Ann. Mus. Hung. I. 400.
- 27 **lewisi** Assam; Ceylon.
Menedemus lewisi Distant 1899 A. M. N. H. (7) IV. 429.
Sciocoris do. Distant 1902 Faun. Ind. Rh. I. 126.
- 28 ? **lugubris** Tai-Wan [= For-
Sciocoris lugubris Walker 1868 op. cit. 538. mosa].

- 29 **macrocephalus**
Sciocoris macrocephalus Fieber 1851 op. cit. 443; and 1861 Eur. Hem. 357 (= ♂).
S. basalis Fieber 1851 op. cit. 447; and 1861 l. c. (= ♀).
 ? *S. europaeus* Signoret 1862 A. S. E. France (4) II. 375 (not A. et S.).
 † *S. conspurcatus* Mulsant et Rey 1866 op. cit. (not Klug).
 var. (b) **luteola**
Sciocoris luteolus Fieber 1861 Eur. Hem. 356. Europe (except boreal); Asia minor; Syria; Turkestan.
- 30 **maculatus**
Sciocoris umbrinus Rambur 1840 Faun. Andal. II. 120 (not Wolff).
 → *S. maculatus* Fieber 1851 Abh. böhm. G. W. (5) VII. 445; and 1861 Eur. Hem. 360. Mediterranean Europe.
 † *S. auritus* Mulsant et Rey 1866 op. cit.
 var. (b) **obscurella** nom. nov.
Sciocoris auritus var. || *obscurus* Ferrari 1874 Ann. Mus. Genov. VI. 124.
- Foodplant: *Calluna*.
- 31 **modestus**
Sciocoris modestus Horváth 1903 Ann. Mus. Hung. I. 401. Algeria.
- 32 **microphthalmus**
Sciocoris umbrinus Fieber 1851 Abh. böhm. G. W. (5) VII. 440 (not Wolff). Europe; Siberia; N. China.
S. microphthalmus Flor 1860 Arch. Nat. Livlands (2) III. 115; Puton 1881 op. cit. 39.
S. curtipennis Mulsant et Rey 1866 op. cit. 28.
- 33 ? **obscurus**
Sciocoris? *obscurus* Dallas 1851 List 135. Tasmania.
- 34 **ochraceus**
Sciocoris ochraceus Fieber 1861 Eur. Hem. 357. Turkey; Syria; Turkestan.
S. cambridgei Douglas and Scott 1868 Ent. Mo. Mag. V. 30.
- 35 **ogivus**
Sciocoris ogivus Jakovlev 1894 H. S. E. Ross. XXVIII. 133. S. Russia.
- 36 **paleaceus**
Sciocoris paleaceus Germar 1837 Silb. Rev. Ent. V. 184; Fieber 1851 Abh. böhm. G. W. (5) VII. 439. Cape Colony.
- 37 **pallens**
Sciocoris pallens Klug 1845 op. cit., Pl. 44. f. 3; Fieber 1851 op. cit. 442. Egypt.
- 38 **placidus**
Sciocoris placidus Jakovlev 1903 Русск. Эн. Обозр. III. 84. W. Siberia.
- 39 **reflexus**
Sciocoris reflexus Fieber 1851 op. cit. 447; and 1861 Eur. Hem. 359. Spain.
- 40 **rusticus**
Sciocoris rusticus Stål 1853 O. V. A. F. X. 215; and 1865 Hem. Afr. I. 121. Cape Colony.
- 41 **senegalensis**
Sciocoris senegalensis Fieber 1851 Abh. böhm. Ges. Wiss. (5) VII. 451. Senegal.
- 42 **sideritidis**
Sciocoris sideritidis Wollaston 1858 A. M. N. H. (3) I. 123; Horváth 1897 Rev. Ent. XVI. 91. Madeira.

Foodplant: *Sideritis massoniana* on foliage; (also at roots of the above and of *Sempervivum patina* during the winter).

- 43 **sulcatus**
Sciocoris sulcatus Fieber 1851 l. c.; and 1861 Eur. Hem. 360.
S. angustipennis Mulsant et Rey 1852 A. S. Linn. Lyon 81. Mediterranean basin
 S. Russia; Turke-
 stan; Germany.
- 44 **terrulentus**
Sciocoris terrulentus Reiche et Fairmaire 1849 in Ferret et
 Galinier, Voy. Abyss., III. 441. Abyssinia.
- 45 **umbrinus**
Cimex umbrinus Wolff 1804 Ic. Cim. 141, Pl. XIV, f. 136. Europe; Persia; S.
Sciocoris do. Hahn 1833 Wanz I. 195, f. 100. Siberia.
S. brevicollis Fieber 1851 op. cit. 441; and 1861 Eur. Hem. 358.
S. fieberi Flor 1860 l. c.
- 46 **wolfi**
Sciocoris wolfi Signoret 1861 A. S. E. France (3) VIII. 924;
 Stål 1865 Hem. Afr. I. 120. Madagascar.

Menedemus.

Distant 1899 A. M. N. H. (7) IV. 429; and 1902 Faun. Ind. Rh. I. 127 (type *vittatus*).

- 1 **hieroglyphicus**
Menedemus hieroglyphicus Distant 1899 A. M. N. H. (7) IV.
 430; and 1902 Faun. Ind. Rh. 127, f. 69. India (Bombay).
- 2 **vittatus**
Sciocoris vittatus Dallas 1851 List 133. ? Africa.

Masthletinus.

Reuter 1879 Oefv. Finsk. Förh. XXI. 49 (type *abbreviatus*).

- 1 **abbreviatus**
Masthletinus abbreviatus Reuter 1879 l. c. S. Siberia.
- 2 **nigriventris**
Masthletinus nigriventris Jakovlev 1889 Hor. S. E. Ross.
 XXIII. 50. S. Siberia.

Menaccarus.

Menaccarus Amyot et Serville 1843 Hém. 100; Stål 1865 Hem. Afr. I. 123; Reuter 1900 Oefv. Finsk. Vet. Förh. XLII. 225; Jakovlev 1900 Hor. S. E. Ross. XXXIV. 517 (type *piceus*).

Oploscelis Mulsant et Rey 1852 A. S. Linn. Lyon 80 (type *arenicola*).

Orocephalus [as subg. of *Oploscelis*] Mulsant et Rey 1866 op. cit. (2) XIV. 9 (type *dohrniana*).

- 1 **arenicola**
Sciocoris arenicola Scholz 1846 Arb. Schles. Ges. Vat. Kultur 52. Germany; Hungary;
S. arenicolus Fieber 1851 Abh. böhm. G. W. (5) VII. 439; S. France; Spain;
 and 1861 Eur. Hem. 356. Italy; S. Russia;
Oploscelis arenicola Mulsant et Rey l. c.; and 1866 op. cit., Persia; Algeria.
 Pl. 1. f. 7 (as *ciliata*).
- Menaccarus pallidus* Perris 1857 A. S. Linn. Lyon 158.
M. arenicoa Leth. et Sev. 1893 Cat. Hém. I. 108 (laps. cal.).
M. arenicola Reuter 1900 op. cit. 226; Jakovlev 1900 l. c.
 Foodplants: *Calamagrostis arenaria*; *Melilotus altissimus*.
- 2 **deserticola**
Menaccarus divaricatus Reuter 1900 op. cit. 228 (not Jakovlev). S. Russia; Turko-
M. deserticola Jakovlev 1900 Hor. S. E. Ross. XXXIV. 517 a. mania.
 519; and 1903 Русск. Эн. Обзор. III. 289.

- 3 **divaricatus**
Menaccarus divaricatus Jakovlev 1878 Тр. Русск. Энт. Общ. X. 76; and 1900 H. S. E. Ross. XXXIV. 518. Persia.
- 4 **dohrnianus**
Oploscelis dohrniana Mulsant et Rey 1866 op. cit. 9. Sicily; Algeria; Tunis;
Menaccarus ovalis Puton 1873 A. S. E. France (5) III. 12; Persia.
 and 1881 Syn. Hém. France II. 38.
M. dohrnianus Reuter 1900 op. cit. 227.
- 5 **eremita**
Menaccarus eremita Jakovlev 1903 Русск. Энт. Общ. III. 289. Turkomania.
- 6 **hirticornis**
Menaccarus hirticornis Puton 1873 A. S. E. France (5) III. 13; and 1881 Mt. Schweiz. E. Ges. VI. 120. Algeria.
- 7 **jakovleffi**
Menaccarus jakovleffi Reuter 1902 op. cit. XLIV. 145. Tunis.
- 8 **piceus**
Menaccarus piceus Amyot et Serville 1843 Hém. 100.
Menaccarus ciliosus Stål 1865 Hem. Afr. I. 123; and 1869 Berlin. E. Z. XIII. 227; Reuter 1900 op. cit. 225.
- 9 **transparens**
Menaccarus transparens Jakovlev 1900 Hor. S. E. Ross. XXXIV. 517 a. 520; and 1903 Русск. Энт. Общ. III. 289¹⁾. Turkomania.

Eupododus.

|| *Pododus* Amyot et Serville 1843 Hém. 101; Stål 1865 Hem. Afr. I. 124 (type *orbicularis*).
Eupododus Kirkaldy 1904 Entom. XXXVII. 280 (new name).

- 1 **depressus**
Pododus? depressus Walker 1867 Cat. Het. I. 179. British Bechuanaland.
- 2 **luctuosus**
Sciocoris luctuosus Germar 1837 Silb. Rev. Ent. V. 183; Fieber 1851 Abh. böhm. G. W. (5) VII. 438. Cape Colony.
- 3 **mundus**
Sciocoris mundus Germar op. cit.; Fieber 1851 op. cit. 439. Cape Colony; Transvaal.
- 4 **obtusangulus**
Pododus obtusangulus Stål 1865 Hem. Afr. I. 125. Cape Colony.
- 5 **orbicularis**
Sciocoris orbicularis Burmeister 1835 Handb. Ent. II. 373; Fieber 1851 op. cit. 438. Cape Colony; British Bechuanaland.
S. capensis [Westwood] 1837 Cat. Hope I. 18.
Pododus orbicularis Amyot et Serville 1843 l. c.; Stål 1865 l. c.
P.? aequalis Walker 1867 Cat. Het. I. 179.
- 6 **ovulus**
Sciocoris ovulus Dallas 1851 List 132. ? Africa.
- 7 **striatus**
Pododus striatus Distant 1902 Ent. Mo. Mag. XXVIII. 233. Cape Colony.
- 8 **tenebrosus**
Sciocoris tenebrosus Germar 1837 Silb. Rev. Ent. V. 183. Cape Colony; Transvaal.

¹⁾ This and the preceding Palearctic species except *arenicola*, have been placed by Oshanin in "*Pododus*".

Tribe 9.

Discocephalini.

This tribe is entirely American, the occurrence of one Neotropical species in "The Peninsula" being no doubt due to accidental importation. Almost all the species are Neotropical, scarcely a dozen passing into Central America and Mexico, while two are Antillean, and one is reported from the Galapagos Islands.

Stål 1867 O. V. A. F. XXIV. 499—501 (table of 13 genera).

Dryptocephala.

Dryptocephala Laporte 1832 Essai Hém. 55 a. 56; Fieber 1851 Abh. böhm. G. W.

(5) VII. 432; Stål 1872 Svensk. Vet. Ak. Handl. 10. no. 4. p. 4 (type *brullei*).

Storthis livida Perty 1833 Delect. An. 215; H-S. 1844 Wanz. VII. 41, Pl. 229. A—C (type *livida* = *brullei*).

1 **asperula**

? Brazil.

Storthis asperula Perty 1834 op. cit. 216.

2 **brullei**

Brazil.

Dryptocephala brullei Laporte 1832 op. cit. 56; Fieber 1851 op. cit. 434; Stål 1872 l. c.

Phloea livida (!) Perty 1833 op. cit. 168, Pl. 33. f. 13.

Storthis livida Perty 1833 op. cit. 215.

Dryptocephala do. Fieber 1851 op. cit. 432.

3 **cydnoides**

? Brazil.

Storthis cydnoides Perty 1833 op. cit. 216.

4 **dentifrons**

Perú.

Pentatoma dentifrons Latreille 1811 Humb. Obs. Zool. I. 265, Pl. 17. f. 8; and 1815 Germar's Mag. Ent. I. 117.

5 **integra**

Brazil (Amazons).

Dryptocephala integra Walker 1867 Cat. Het. I. 190 (laps. cal.).

6 **latiloba**

Brazil (Rio de Janeiro).

Dryptocephala latiloba Stål 1872 l. c.

7 **livida**

Colombia; Br. Guiana.

Storthis livida H-S. 1844 Wanz. VII. 42, f. 718 (not Perty).

Dryptocephala livida Erichson 1848 Schomb. Reise Br. Guiana III. 609.

D. truncata Fieber 1851 op. cit. 433.

8 **obtusiceps**

Colombia; Panama.

Dryptocephala obtusiceps Stål 1872 l. c.; Distant 1880 B. C. A., Het. I. 44, Pl. 4. f. 23.

9 **punctata**

Brazil (Rio de Janeiro); Argentine.

Dryptocephala punctata Amyot et. Serville 1843 Hém. 112; Fieber 1851 op. cit. 435.

D. dentata Fieber 1851 op. cit. 433.

D. divergens Vollenhoven 1868 Versl. Ak. Amst. (2) II. 178.

10 **spinosa**

Brazil.

Dryptocephala spinosa Mayr 1864 Verh. zool. bot. Ges. Wien XIV. 907; and 1866 Novara Exped. Hem. 41, f. 5.

Trincavellius.

Distant 1900 T. E. S. London 163 (type *galapagoensis*). Pl II Fig 1

1 **galapagoensis**

Galapagos Is.

Sciocoris galapagoensis Butler 1877 P. Zool. S. London 88.

Discocephala.

Discocephala Laporte 1832 Essai 55 a. 57; Stål 1872 op. cit. p. 5 (type *marmorea*).

1 **deplanata**

Brazil.

Discocephala deplanata Walker 1867 Cat. Het. I. 185.

2 **marmorea**

Brazil.

- Discocephala marmorea* Laporte 1832 Essai 57, Pl. 54. f. 5;
H-S. 1843 Wanz. VII. 40, f. 717; Fieber 1851 op. cit. 455.
D. deplanata var. β . Walker l. c.

Species of doubtful position.

- 3 † *Discocephala andina* Breddin 1904 Soc. Ent. XIX. 58. Ecuador.
4 *D. daagae* Distant 1899 A. M. N. H. (7) IV. 542. — ? [? West Indies].
5 *D. latifrons* Dallas 1851 List 147. — ?
6 *D. luteicornis* Walker 1867 Cat. Het. I. 185. Brazil.
7 *D. notata* Walker op. cit. 187. Brazil.
8 *D. nubila* Dallas l. c. Brazil.
9 *D. sordida* Walker op. cit. 187. Brazil.
10 *D. terminalis* Walker op. cit. 186. Brazil.

Colpocarena.

- Discocephala* subg. *Colpocarena* Stål 1868 Svensk. Vet. Ak. Handl. 7. no. 11. p. 17
(type *complanata*).

1 **complanata**

Brazil (Para).

- Sciocoris complanatus* Burmeister 1835 Handb. Ent. II. 373.
Discocephala complanata Fieber 1851 op. cit. 456; H-S. 1851
Wanz. IX. 324.

Ischnopelta.

- Discocephala* subg. *Ischnopelta* Stål 1868 op. cit. 18 (type *scutellata*).

1 **oblonga**

Brazil.

- Discocephala oblonga* Fieber 1851 op. cit. 456.

2 **scutellata**Venezuela; Brazil;
Paraguay.

- Discocephala scutellata* Signoret 1851 A. S. E. France (2) IX.
333; Stål l. c.
D. ovata Signoret l. c.; Stål l. c.

Platycaremus.

- Platycaremus* Fieber 1860 Eur. Hem. 77; and 1861 op. cit. 326 (type *umbraculatus*).

- Discocephala* subg. *Platycaremus* Stål 1868 op. cit. 18.

subgen. (b) **Discocephalessa** nov.= div. a. a. Stål 1872 (type *notulata*).

(a) subgen. typ.

Br. and Fr. Guiana;
Brazil; Argentine.
[introduced into
Portugal].1 **umbraculatus**

- Cydinus umbraculatus* Fabricius 1803 Syst. Rh. 186.
? *Sciocoris lusitanicus* H-S. 1835 Nom. Ent. I. 55.
Discocephala umbraculata Fieber 1851 op. cit. 457; Stål 1872
op. cit. 10. no. 4. p. 5.
D. conspersipes Stål 1860 op. cit. 2. no. 7. p. 14.

(b) subgen. *Discocephalessa*.

Mexico.

2 **clypeatus**

- Discocephala clypeata* Stål 1862 Stett. E. Z. XXIII. 96; and
1872 Svensk. op. cit. 10. no. 4. p. 6; Distant 1880
B. C. A., Het. I., Pl. 6. f. 1.
D. inobtrusa Walker 1867 Cat. Het. I. 183.

3 **humilis**Colombia; Panama;
Guatemala; Mexico.

- Discocephala humilis* (H-S.) 1843 Wanz. VII. 39, f. 716; Fieber
1851 op. cit. 454; Stål 1872 l. c.; Distant 1880 op. cit.,
Pl. 4. f. 22.

- 4 ? **kollarii** Brazil.
Discocephala kollarii Fieber 1851 l. c.
- 5 **marginellus** Guatemala; Mexico.
Discocephala marginella Stål 1872 l. c.; Distant 1880 op. cit. 45, Pl. 5. f. 2.
- 6 **notulatus** Mexico.
Discocephala notulata Stål 1862 Stett. E. Z. XXIII. 96; Distant 1880 l. c., Pl. 5. f. 1.
- 7 **politus** Brazil.
Discocephala polita Signoret 1851 A. S. E. France (2) IX. 333, Pl. 10. f. 7; Stål 1868 Svensk. Vet. Ak. Handl. 7. no. 11. p. 18.
- 8 ? **rugulosus** Brazil.
Discocephala rugulosa Fieber 1851 l. c.
- 9 **vicinus** Brazil.
Discocephala vicina Signoret 1851 op. cit. 332; Stål 1868 l. c.; and 1872 op. cit. 10. no. 4. p. 6.
D. caenosa Stål 1860 op. cit. 2. no. 7. p. 15.

Beroaldus.

- Distant 1889 Biol. Centr. Amer., Het. I. 322 (type *erubescens*).
- 1 **erubescens** Guatemala; Panama.
Beroaldus erubescens Distant 1889 op. cit. 323, Pl. 29. f. 21.

Phoeacia.

- Stål 1862 Stett. E. Z. XXIII. 97; and 1867 O. V. A. F. XXIV. 499 (type *lineaticeps*).
- 1 **gibba** Brazil.
Discocephala gibba Fieber 1851 op. cit. 453.
Phoeacia do. Stål 1872 Svensk. Vet. Ak. Handl. 10. no. 4. p. 7.
- 2 **lineaticeps** Brazil (Rio de Janeiro).
Discocephala lineaticeps Stål 1860 op. cit. 2. no. 7. p. 15.
Phoeacia do. Stål 1872 op. cit. 10. no. 4. p. 7.

Cataulax.

- Cataulax* Spinola 1837 Essai 339; Stål 1867 O. V. A. F. XXIV. 500 (type *macraspis* = *eximia*).
- Hypata* Stål 1860 Svensk. Vet. Ak. Handl. 2. no. 7. p. 15 (type *eximia*).
- 1 **annulicornis** Brazil (Amazons).
Cataulax annulicornis Walker 1868 Cat. Het. III. 564.
- 2 **eximius** Brazil.
Cataulax macraspis Spinola 1837 Essai 339 (not Perty).
Hypata eximia Stål 1860 op. cit. 16.
Cataulax eximius Stål 1872 op. cit. 10. no. 4. p. 7.
- 3 **punctipes** Brazil (Amazons).
Cataulax punctipes Walker 1868 op. cit. 565.
- 4 **subvittatus** N. Brazil.
Cataulax subvittatus Walker 1868 l. c.; Stål 1872 l. c.
- 5 **varicornis** Brazil (Amazons).
Pentatoma varicornis Walker 1867 op. cit. II. 291.
Cataulax decoloratus Walker 1868 op. cit. III. 564.

Architas.

- Distant 1889 B. C. A., Het. I. 323 (type *pudens*).
- 1 **pudens** Panama.
Architas pudens Distant l. c., Pl. 29. f. 20.

Mecistorhinus.

Mecistorhinus Dallas 1851 List 152 a. 162 (type *rufescens*).

Dinocoris subg. *Mecistorhinus* Stål 1872 Svensk. Vet. Ak. Handl. 10. no. 4. p. 7.
subgen. (b) *Antiteuchus* Dallas 1851 op. cit. 152 (type *variolosus*).

(a) subgen. typ.

1 complanatus

Dinocoris complanatus Distant 1889 B. C. A., Het. I. 324,
Pl. 31. f. 1.

Panama.

2 guttatopunctatus

Edessa guttatopunctata Fabricius 1803 Syst. Rh. 152.

Antiteuchus? griseus Dallas 1851 List 165.

Discocephala signata Walker 1867 Cat. Het. I. 188.

Antiteuchus guttatopunctatus Stål 1868 op. cit. 7. no. 11. p. 18.

Brazil; Guiana.

3 josephi

Antiteuchus josephi Stål 1859 Eugenie's Resa, Ins. 224.

St. Joseph's Isle (near
Panama).**4 marmoratus**

Cataulax marmoratus Erichson 1848 Schomb. Reise Br. Guiana
III. 609.

N. Brazil; Br. Guiana.

5 melanoleucus

Didor melanoleucus [Westwood] 1837 Cat. Hope I. 24.

Empicoris renggerii H-S. 1844 Wanz. VII. 45, f. 733.

Antiteuchus nigricornis Stål 1860 Eug. Res., Ins. 223; and
Svensk. Vet. Ak. Handl. 2. no. 7. p. 18.

Dinocoris melanoleucus Stål 1872 op. cit. 10. no. 4. p. 8.

Brazil; Paraguay.

6 obscurus

Antiteuchus? obscurus Dallas 1851 List 165.

Dinocoris do. Distant 1880 op. cit. 47, Pl. 6. f. 3.

Mexico.

7 piceus

Pentatoma picea Palisot Beauv. 1805 Ins. Afr. Amér. 148,
Hém. Pl. 10. f. 3.

Dinocoris piceus Stål 1872 l. c.; Distant 1880 op. cit. 46,
Pl. 5. f. 4.

Brazil; Guiana; Hon-
duras; Guatemala;
Antilles.**8 rufescens**

Mecistorhinus rufescens Dallas 1851 op. cit. 163, Pl. IV. f. 5.

Brazil (Para).

9 sepulchralis

Edessa sepulchralis Fabricius 1803 l. c.

Antiteuchus luctuosus Stål 1855 O. V. A. F. XII. 182; and
XIII. 58.

A. sepulchralis Stål 1868 Svensk. Vet. Ak. Handl. 7. no. 11. p. 18.

Dinocoris do. Stål 1872 op. cit. 10. no. 4. p. 8.

D. sepulchralis Leth. et Sev. 1893 Cat. I. 86.

Guiana; Colombia.

10 tripterus

Cimex tripterus Fabricius 1787 Mant. Ins. II. 294.

Didor punctiger [Westwood] 1837 op. cit. 25.

Cataulax apicalis Erichson 1848 l. c.

Antiteuchus tripterus Stål 1868 op. cit. 7. no. 11. p. 19.

Cataulax centralis Walker 1868 Cat. Het. III. 566.

Dinocoris tripterus Distant 1880 l. c., Pl. 5. f. 3.

Brazil; Br. Guiana;
Venezuela; Pana-
ma; Nicaragua;
Honduras; Mexico.**11 unicolor**

Didor unicolor [Westwood] l. c.

— ?

(b) subgen. *Antiteuchus*.**12 marmoreus**

Empicoris marmoreus Spinola 1837 Essai 283.

Brazil.

13 mixtus

— — Stoll Pun. f. 173.

N. Brazil; Fr. Guiana.

Cimex mixtus Fabricius 1787 Mant. Ins. II. 294.

Antiteuchus do. Stål 1868 l. c.

14 **variolosus**

N. Brazil; Venezuela.

Dinidor variolosus [Westwood] l. c.

(c) **uncertain position.**

15 **amplus**

Brazil.

Discocephala ampla Walker 1867 Cat. Het. I. 187.

16 **tesselatus**

Brazil.

Dinidor tesselatus [Westwood] op. cit. 24.

Dinocoris tessellatus Leth. et Sev. 1893 Cat. I. 86 (laps. cal.).

Neodine gen. nov. (type *macraspis*).

Cataulax Amyot et Serville 1843 Hém. 111 (not Spinola).

Dinocoris (subgen. typ.) Stål 1872 Svensk. Vet. Ak. Handl. 10. no. 4. p. 7 (not Burmeister).

1 **macraspis**

Brazil; Guiana; Colombia; Panama.

Pentatoma macraspis Perty 1833 Del. 166, Pl. 33. f. 7.

Dinocoris annulatus H-S. 1836 Wanz. III. 66, f. 279 (named in error *macraspis* (!)).

D. macraspis Distant 1889 B. C. A., Het. I. 323, Pl. 29. f. 19.

2 **variegatus**

Brazil (Para).

Antiteuchus variegatus Dallas 1851 List 163.

Priapismus.

Distant 1889 B. C. A., Het. I. 324 (type *foveatus*).

1 **foveatus**

Panama.

Priapismus foveatus Distant l. c., Pl. 31. f. 2.

2 **maculatus**

Panama.

Priapismus maculatus Distant op. cit. 325, Pl. 31. f. 3.

Boterus.

Distant 1889 op. cit. 325 (type *guatemalensis*).

1 **guatemalensis**

Guatemala.

Boterus guatemalensis Distant l. c., Pl. 30. f. 17.

Mathiolus.

Distant 1889 op. cit. 326 (type *generatus*).

1 **generatus**

Guatemala.

Mathiolus generatus Distant l. c., Pl. 31. fs. 4—5.

Grimgerda.

|| *Macrothyreus* Fieber 1851 Abh. böhm. G. W. (5) VII. 457 (type *annulicornis*).

Grimgerda Kirkaldy 1904 Entom. XXXVII. 280 (new name).

1 **annulicornis**

Brazil.

Macrothyreus annulicornis Fieber 1851 op. cit. 458.

Ablaptus.

Stål 1864 A. S. E. France (4) IV. 49; and 1867 O. V. A. F. XXIV. 501 (type *amazonus*).

1 **amazonus**

N. Brazil.

Ablaptus amazonus Stål 1864 l. c.

Sympiezorhincus.

Sympiezorhincus Spinola 1837 Essai 284 (type *tristis*).

Rachava Amyot et Serville 1843 Hém. 114 (type *orbicularis* = *tristis*).

Sympiezorhincus H-S. 1844 Wanz. VII. 47 (laps. cal.).

Sympiezorhynchus Spinola 1850 Mem. Soc. Ital. Modena XXV. 30 (laps. cal.).

Sympiezorhynchus Stål 1867 O. V. A. F. XXIV. 500 (laps. cal.).

1 **punctipes**

N. Brazil.

Sympiezorhynchus? punctipes Dallas 1851 List 159, Pl. IV. f. 2.

Sympiezorhynchus do. Stål 1872 Svensk. Vet. Ak. Handl. 10.
no. 4. p. 9.

2 **tristis**

Brazil.

Sympiezorhynchus tristis Spinola 1837 Essai 286.

Rachava orbicularis Amyot et Serville 1843 Hém. 115, Pl.
12. f. 13.

Sympiezorhynchus tristis H-S. 1844 l. c.

Sympiezorhynchus do. Stål 1864 A. S. E. France (4) IV. 52;
and 1872 Svensk. op. cit. p. 9.

Agaclitus.

Stål 1864 A. S. E. France (4) IV. 50; and 1867 O. V. A. F. XXIV. 501 (type
dromedarius!).

1 **dromedarius**

N. Brazil.

— — Stoll Pun. f. 95.

Agaclitus dromedarius Stål 1864 A. S. E. France (4) IV. 50;
and 1872 Svensk. Vet. Ak. Handl. 10. no. 4. p. 9.

2 **fallenii**

N. Brazil.

Agaclitus fallenii Stål 1864 A. S. E. France (4) IV. 51.

3 **setipes**

N. Brazil.

Agaclitus setipes Walker 1867 Cat. Het. I. 234.

Abascantus.

Stål 1864 A. S. E. France (4) 51 (type *lobatus*).

1 **lobatus**

N. Brazil.

Abascantus lobatus Stål 1864 op. cit. 52.

Eurystethus.

Mayr 1864 Verh. zool. bot. Ges. Wien XIV. 907; and 1866 Novara Exp., Hem. 38
(type *nigropunctatus*).

1 **nigropunctatus**

Brazil.

Eurystethus nigropunctatus Mayr 1864 op. cit. 908; and 1866
Novara Exp., Hem. 40, f. 4.

2 **signoreti**

Panama.

Eurystethus signoreti Distant 1880 B. C. A., Het. I. 47, Pl.
6. f. 13.

Alcippus.

Stål 1867 O. V. A. F. XXIV. 500; and 1872 Svensk. Vet. Ak. Handl. 10. no. 4. p. 10
(type *reticulatus*).

1 **reticulatus**

N. Brazil.

Coriplus reticulatus Stål 1864 A. S. E. France (4) IV. 48.

Coriplus.

Coriplus A. White 1842 T. E. S. London III. 90; Stål 1867 O. V. A. F. XXIV.
500 (type *depressus*).

Sachana and *Coreoplatus* Amyot et Serville 1843 Hém. 116 (new names).

Coreoplatus Spinola 1850 Mem. Soc. Ital. Modena XXV. 31 (laps. cal.).

1 **depressus**

Br. Guiana; Colombia.

Coriplus depressus A. White 1842 l. c., Pl. 7. f. 3.

Sachana depressa Amyot et Serville 1843 l. c.

Braunus.Distant 1899 A. M. N. H. (7) IV. 422 (type *sciocorinus*).**1 sciocorinus**

Ecuador

Coriplatus sciocorinus Walker 1867 Cat. Het. I. 197.**Pelidnocoris.**Stål 1867 O. V. A. F. XXIV. 501 (type *stålîi*).**1 stålîi**

Mexico.

Pelidnocoris stålîi Haglund 1868 Stett. E. Z. XXIX. 150;

Distant 1880 B. C. A., Het. I. 48, Pl. 7. f. 2.

Empicoris.*Dinidor* Laporte 1832 Essai 55 a. 64 (not Latreille).*Empicoris* Hahn 1834 Wanz. II. 55; H-S. 1844 Wanz. VII. 43; Stål 1872 Svensk. Vet. Ak. Handl. 10. no. 4. p. 10 (type *variolosus*).*Dinocoris* Burmeister 1835 Handb. Ent. II. 363; Stål 1867 O. V. A. F. XXIV. 501 (same type)¹. *maculatus* see p. 345**1 antennatus**

Brazil (Para).

— — Stoll Pun. f. 290.

Dinidor antennatus Dallas 1851 List 166.*Empicoris do.* Stål 1872 Svensk. Vet. Ak. Handl. 10. no. 4. p. 11.**2 corrosus**

Colombia; Paraguay.

Empicoris corrosus H-S. 1844 Wanz. VII. 46, f. 732; Stål 1872 l.c.**3 gibbosus**

Brazil.

Empicoris gibbosus Fallou 1889 Le Nat. (2) X. 120.**4 gibbus**

Brazil.

Dinidor gibbus Dallas 1852 T. E. S. London (2) II. 18, Pl. 1. f. 7.**5 histrio**

N. Brazil.

Cimex histrio Linneus 1758 Syst. Nat. (Ed. X) p. 442.*C. peregrinator* Linneus 1758 op. cit. 444.*Empicoris do.* Stål 1866 Berlin. E. Z. X. 155; and 1872 Svensk. Vet. Ak. Handl. 10. no. 4. p. 11.**6 hiuleus**

Brazil (Minas Geraes).

Empicoris hiuleus Bergroth 1891 Rev. Ent. X. 221.**7 lineatus**

Brazil.

Dinidor lineatus Dallas 1852 op. cit. 11, Pl. 1. f. 4.**8 maculatus**

Brazil.

|| *Halys variolosa* Fabricius 1803 Syst. Rh. 182.*Dinidor maculatus* Laporte 1832 Essai 64, Pl. 55. f. 1.*Empicoris do.* H-S. 1844 Wanz. VII. 44, f. 719; Stål 1868 op. cit. 7. no. 11. p. 20.**9 strigatus**

Brazil.

Dinidor strigatus Walker 1868 Cat. Het. III. 542.**10 variolosus**

Br. Guiana.

Cimex variolosus Linneus 1758 Syst. Nat. (Ed. X) p. 445; de Geer 1773 Mém. III. 328, Pl. 34. f. 1.*Empicoris do.* Hahn 1834 Wanz. II. 56, f. 146; Stål 1872 op. cit. 10. no. 4. p. 11.*E. cariosus* Erichson 1848 Schomb. Reise Br. Guiana III. 609.

¹ Amyot and Serville (p. 111) say that the name *Dinidor* was arbitrarily changed by Burmeister to *Dinocoris*. This is somewhat misleading. Burmeister (p. 363) ranked *Dinidor* Perty (i. e. Latreille) as a syn. of *Aspongopus*, and created *Dinocoris* for the *Dinidor* of Laporte who had misinterpreted Latreille. Burmeister appears to have overlooked Latreille's *Dinidor* and to have credited its first appearance to Laporte. On p. 400 he refers to p. 372 (he means 363!) and states that he has supplanted *Dinidor* by *Dinocoris*, because the former ought to be written *Dinodes* and in that case is preoccupied!

Bryelica.

Bryelica Walker 1868 Cat. Het. III. 547 (type *ramosa*).

Empicoris subg. *Bryelica* Stål 1872 op. cit. 11.

1 **ramosa**

Mexico.

Bryelica ramosa Walker 1868 l. c.

Empicocoris do. Distant 1880 B. C. A., Het. I. 49, Pl. 6. f. 4.

Anhanga.

Anhanga Distant 1887 C. R. Soc. E. Belg. XXXI. p. LX (type *modesta*).

Anhanga Leth. et Sev. 1893 Cat. I. 89 (laps. cal.).

1 **modesta**

Brazil.

Anhanga modesta Distant l. c.

Alathetus.

Dallas 1851 List 150 a. 160 (type *rufitarsis*).

1 **rufitarsis**

Jamaica.

Alathetus rufitarsis Dallas 1851 op. cit. 161, Pl. IV. f. 3.

Glyphuchus.

Glyphuchus Stål 1860 Svensk. Vet. Ak. Handl. 2. no. 7. p. 16; 1867 O. V. A. F. XXIV. 523; and 1872 Svensk. Vet. Ak. Handl. 10. no. 4. p. 12 (type *sculpturatus*).

Glyphuchus Leth. et Sev. 1893 Cat. I. 89 (laps. cal.).

1 **sculpturatus**

Brazil (Rio de Janeiro).

Glyphuchus sculpturatus Stål 1860 Svensk. Vet. Ak. Handl.

2. no. 7. p. 17.

Oncodochilus.

Fieber 1851 Abh. böhm. G. W. (5) VII. 435; Stål 1867 O. V. A. F. XXIV. 523 (type *aradiformis*).

subgen. (b) **Oncoeochilus** Breddin 1898 Jahresb. u. Abh. Nat. Ver. Magdeb. 1896—97, p. 149 (type *taschenbergi*).

(a) subgen. typ.

1 **aradiformis**

Brazil.

Sciocoris aradiformis H-S. 1840 Wanz. V. 71, f. 516.

Oncodochilus do. Fieber 1851 l. c.

2 **cruciatulus**

Bolivia.

Oncodochilus cruciatulus Breddin 1904 Soc. Ent. XVIII. 147.

3 **patruelis**

Brazil (Rio de Janeiro).

Oncodochilus patruelis Stål 1860 Svensk. Vet. Ak. Handl. 2.

no. 7. p. 16; and 1872 op. cit. 10. no. 4. p. 11.

(b) subgen. **Oncoeochilus.**4 **taschenbergi**

Brazil.

Oncodochilus taschenbergi Breddin 1898 Jahresb. u. Abh. Nat.

Ver. Magdeb. 1896—97, p. 147.

Tribe 10.

Graphosomini.

(The genera were tabulated and described, and the species enumerated by Schouteden 1905 Gen. Ins. 30 pp. 1-46, Pls. 1-3.) *also p. 47 (1906)*

Genera	Australasian			Oriental			Ethiopian		Palearctic		America		Total Species
	Australia	New Zealand	Austro-Malayan	Indo-Malayan	Indochinese	Philippines	Africa	Mascarene	Paleartic proper	Manchurian	America (excl. Chile)	Chile & South Patagonia	
Numilia	1	—	—	—	—	—	—	—	—	—	—	—	1
Stiraspis	—	—	—	—	—	—	—	—	5	—	—	—	5
Graphosoma	—	—	—	—	—	—	—	—	5	1	—	—	7
Derula	—	—	—	—	1	—	—	—	3	—	—	—	3
Ancyrosoma	—	—	—	—	—	—	—	—	3	—	—	—	3
Putonia	—	—	—	—	—	—	—	—	2	—	—	—	2
Crypsinus	—	—	—	—	—	—	—	—	1	—	—	—	1
Leprosoma	—	—	—	—	—	—	—	—	5	—	—	—	5
Asaroticus	—	—	—	—	—	—	—	—	1	—	—	—	1
Astirocoris	—	—	—	—	—	—	—	—	1	—	—	—	1
Sternodontus	—	—	—	—	—	—	—	—	4	2	—	—	6
Acroplax	—	—	—	—	—	—	—	—	1	—	—	—	1
Testrica	8	—	—	—	—	—	—	—	—	—	—	—	8
Testricoides	1	—	—	—	—	—	—	—	—	—	—	—	1
Deroploa	2	—	—	—	—	—	—	—	—	—	—	—	2
Deroploopsis	1	—	—	—	—	—	—	—	—	—	—	—	1
Ventocoris	—	—	—	—	—	—	—	—	13	—	—	—	13
Bolbocoris	—	—	—	—	—	—	3	—	—	—	—	—	3
Parabolbocoris	—	—	—	—	—	—	1	—	—	—	—	—	1
Eobanus	—	—	—	—	1	—	—	—	—	—	—	—	1
Neocazira	—	—	—	1	—	—	—	—	—	—	—	—	1
Phymatocoris	—	—	—	—	—	—	1	—	—	—	—	—	1
Brachycerocoris	—	—	—	—	1	—	2	—	—	—	—	—	3
Amauropepla	—	—	—	—	1	—	—	—	—	—	—	—	1
Haullevillea	—	—	—	—	—	—	1	—	—	—	—	—	1
Stortheocoris	—	—	—	—	1	—	—	—	—	—	—	—	1
Kayesia	—	—	—	—	—	—	—	—	1	—	—	—	1
Oncozygia	—	—	—	—	—	—	—	—	—	—	1	—	1
Oncozygidea	—	—	—	—	—	—	1	—	—	—	—	—	1
Tarisa	—	—	—	—	—	—	3	—	11	—	—	—	14
Cyptocoris	—	—	—	—	—	—	2	—	—	—	—	—	2
	13	—	—	1	5	—	14	—	56	3	1	—	93
Severinina	—	—	—	—	—	—	1	—	—	—	—	—	1
Thoria	—	—	—	—	—	—	1	3	—	—	—	—	4
Melanophara	—	—	—	1	2	—	—	—	—	—	—	—	3
Scotinophara	1	—	1	10	13	2	2	1	3	5	—	—	38
Podops	—	—	—	—	—	—	—	—	12	—	—	—	12
Amaurochrous	—	—	—	—	—	—	—	—	—	—	3	—	3
Aspidestrophus	—	—	—	1	1	—	—	—	—	—	—	—	2
Sepidiocoris	—	—	—	—	—	—	1	—	—	—	—	—	1
Tornosia	—	—	—	—	—	—	1	—	—	—	—	—	1
Dybowskyia	—	—	—	—	—	—	—	—	—	2	—	—	2
	1	—	1	12	16	2	6	4	15	7	3	—	67
Total	14	—	1	13	21	2	20	4	71	10	4	—	160

Summary: Australasian 15; Oriental 36; Ethiopian 24; Palearctic 81; America 4.
This tribe is therefore distinctly palaearctic and continental.

Numilia.

Stål 1867 O. V. A. F. XXIV. 503; Schouteden 1905 Gen. 24 (type *subquadrata*).

1 *subquadrata*

North Australia.

Numilia subquadrata Stål 1869 Berlin. E. Z. XIII. 225; Schouteden 1905 l. c., Pl. 2. f. 7.

Stiraspis¹⁾.

Stiraspis Fieber 1860 Eur. Hem. 85 (type *flavolineata*).

Tholagmus Stål 1860 Berlin. E. Z. IV. 276; Schouteden 1905 op. cit. 17 (same type).

1 *breviceps*

S. Russia; Turkestan.

Tholagmus breviceps Jakovlev 1883 Rev. Mens. Ent. I. 14; and Bull. S. N. Moscou XVIII. (1) 423; Horváth 1898 Rev. Ent. XVII. 68, Reuter 1900 Öfv. Finsk. Förh. XLII. 221.

2 *chobauti*

Algeria; Egypt.

Tholagmus chobauti Puton 1898 Rev. Ent. XVII. 166.

3 *confinis*

Kirghiz Steppes.

Tholagmus confinis Horváth 1898 op. cit. 67; Reuter 1900 op. cit. 220.

4 *flavolineata*

Mediterranean Sub-region; South Russia; Persia.

Cimex flavolineatus Fabricius 1798 Ent. Syst. Suppl. 529; Coquebert 1799 Ill. Ic. 36, Pl. IX. f. 6²⁾.

Stiraspis flavolineata Fieber 1861 Eur. Hem. 371.

Tholagmus flavolineatus Schouteden 1905 op. cit. 18, Pl. 1. f. 7.

var. *strigata*

Tetyra strigata H-S. (1835?) Panzer's Faun. Germ. 135.

Tholagmus sardous Costa 1882 Atti Ac. Napoli IX. 398.

5 *nigricornis*

Turkestan.

Tholagmus nigricornis Reuter 1900 op. cit. 221.

Graphosoma.

Graphosoma Laporte 1832 Essai 67 a. 70; Fieber 1861 Eur. Hem. 370; Horváth ^{nigro-} 1903 Ann. Mus. Hung. I. 345; Schouteden 1905 op. cit. 16 (type ^{lineata} ~~nigro-~~); ^{2 a lineata}

1 *consimilis*

S. Russia; Turkestan.

Graphosoma consimile Horváth 1903 Ann. Mus. Hung. I. 345 a. 348.

var. *personata*

Graphosoma consimile var. *personatum* Horváth op. cit. 349.

2 *lineata*

Corsica; North Africa.

Cimex lineatus Linneus 1758 Syst. Nat. (Ed. X.) 442.

Graphosoma lineatum Horváth 1903 op. cit. 350.

— var. (b) *italica*

— — Moufet 1634 Ins. Theatr. 174, f. 5³⁾.

Cimex italicus Müller 1766 Man. Ins. Taur. 190²⁾.

C. nigrolineatus Fabricius 1781 Spec. Ins. II. 341.

Tetyra schangini Gebler 1817 Mém. S. N. Moscou V. 323⁴⁾.

Graphosoma lineatum Breddin 1896 Zeitschr. Naturw. LIX. 27, Pl. 1. f. 12.

var. (c) *reducta*

Asia minor

Graphosoma lineatum var. *reductum* Horváth 1901 Termész. füzet. XXIV. 470; and 1903 Ann. Mus. Hung. I. 352.

¹⁾ P. 85 of Fieber's 'Eur. Hem.' was published in November.

²⁾ Apparently omitted in Sherborn's "Index Animalium".

³⁾ This is interesting, as one of the earliest bugs to be figured.

⁴⁾ Also spelt *schanzini* and *schlangini* by authors. I do not know which is correct.

- §§ Berlese 1898 Riv. Pat. Veg. VII. 7—16, Pl. II—III (anatomy).
 §§ Breddin 1896 l. c. (protective colouration).
 §§ Dufour 1833 Mem. Sav. étrang. 141—53, 247—49, 279—282, 323—25, 367—68, 398, 408; figs. 1—3, 118—19, 157—58, 194 (anatomy etc.).
 §§ Gross 1900 Zeitschr. Wiss. Zool. XIX, Pl. 14. f. 4 (amitosis).
 §§ Handlirsch 1900 Verh. zool. bot. Ges. Wien L. 105 etc., figs. (anatomy).
 § Leuckart 1855 Müller's Archiv 143 (embryology).
 Foodplants: *Chaerophyllum*; *Eryngium*; *Heracleum*; *Pastinaca*; *Pomus*; *Daucus carota*; *Ferula asafoetida*; *Sorbus aucuparia*; *Anethus graveolens*; *Armoracia sativa*; *Pyrus malus*; *Coriandrum*; *Petroselinum sativum*; *Rubus idaeus*; *Ribes rubrum*; *Sisymbrium loeselii*; *Laserpitium latifolium*; *Orlaya grandiflora*.
 Parasite: *Telesas pentatomae* Rondani (o) [Hymen-].
- 3 **melanoxantha**
Graphosoma melanoxanthum Horváth 1903 op. cit. 345 a. 349. S. Russia.
- 4 **rubrolineata**
Scutellera rubrolineata [Westwood] 1837 Cat. Hope I. 12. E. Siberia; Japan; Korea; China (throughout, as far south as Kwangtung Province and Macao!).
Graphosoma crassa Motschulsky 1861 Études Ent. X. 22.
G. rubrolineatum Horváth 1903 op. cit. 352; Schouteden 1905 op. cit. 17, Pl. 1. f. 6.
- 5 **semipunctata**
Cimex semipunctatus Fabricius 1775 Syst. Ent. 698. Mediterranean sub-region; S. Russia;
Scutellera semipunctata Hahn 1833 Wanz. I. 175, f. 91. Turkestan; Dzungen-garia; Canary Isles.
Graphosoma semipunctatum Horváth 1903 op. cit. 346. Italy; S. Russia.
 var. (b) **decipiens**
Graphosoma semipunctatum var. *decipiens* Ferrari 1892 Ann. Mus. Genov. XXXII. 551.
 var. (c) **interrupta**
Graphosoma interruptum A. White 1839 Mag. Nat. Hist. III. 541. Canary Isles.
 var. (d) **wilsoni**
Graphosoma wilsoni A. White 1839 op. cit. 540, f. 68a. Asia minor; Syria;
G. semipunctata var. *persica* Ferrari 1874 op. cit. VI. 120. Persia.
 Foodplants: *Eryngium*; *Pastinaca*; *Carduus*; *Centaurea paniculata*.
- 6 **stâli**
Graphosoma lineata var. d. Stâl 1876 Svensk. Vet. Ak. Handl. 14. no. 4. p. 31. Asia minor; Syria.
G. lineatum var. *stâli* Horváth 1881 Termész. füzet. V. 39.
G. stâli Horváth 1903 Ann. Mus. Hung. I. 353.

Derula.

- Mulsant et Rey 1856 A. S. Linn. Lyon (2) III. 123; and 1865 op. cit. XII. 400; Schouteden 1905 op. cit. 15 (type *flavoguttata*).
- 1 **delagrangei**
Derula delagrangei Puton 1892 Rev. Ent. XI. 25. Syria.
- 2 **flavoguttata**
Derula flavoguttata Mulsant et Rey 1856 op. cit. III. 124; and 1865 op. cit. 402; Schouteden 1905 op. cit. 16, Pl. 2. f. 3. South Europe; Asia minor.
Graphosoma oculatum Baerensprung 1858 Berlin. E. Z. II. 203, Pl. 2. f. 8.

3 **longipennis**

Derula longipennis Oshanin 1870 Изв. О. И. Е. А. Энт.
VIII. 200.

Turkestan.

Ancyrosoma.

Amyot et Serville 1843 Hém. 49; Schouteden 1905 op. cit. 18 (type *albolineata* = *leucogrammes*).

subgen. (b) **Oplistocheilus** Jakovlev 1887 H. S. E. Ross. XXI. 303 a. 305; Schouteden 1905 op. cit. 19 (type *pallidus*).

(a) subgen. typ.

1 **affinis**

Trigonosoma affine [Westwood] 1837 Cat. Hope I. 12.

Ancyrosoma do. Distant 1899 A. M. N. H. (7) IV. 48.

Egypt.

2 **leucogrammes**

|| *Cimex albolineatus* Fabricius 1781 Spec. Ins. II. 342.

|| *C. nervosus* Cyrillo 1787 Ent. Neap. I. 5, Pl. VI. f. 10.

C. leucogrammes Gmelin 1789 Syst. Nat. (Ed. XIII.) I. 2131¹⁾.

Ancyrosoma albolineatum Amyot et Serville 1843 Hém. 49,
Pl. 2. f. 1; Schouteden 1905 op. cit. 19, Pl. 2. f. 1.

Foodplants: *Eryngium dichotomum*; *Sanicula*.

Mediterranean sub-region; Canary Isles; S. Russia; Turkestan; S. W. Siberia.

(b) subgen. **Oplistocheilus**.3 **pallida**

Oplistocheilus pallidus Jakovlev 1887 op. cit. 305; Schouteden 1905 l. c., Pl. 2. f. 9.

Sternodontus nikolai Oshanin 1891 Русск. Геогр. Общ.
XXIII. 30 (not described).

Turkestan.

Crypsinus.

Crypsinus Dohrn 1860 Stett. E. Z. XXI. 101; Schouteden 1905 op. cit. 19 (type *angustatus*).

Cryptadius Fairmaire 1894 A. S. E. Belg. XXXVIII. 395.

1 **angustatus**

Eusarcocoris angustatus Baerensprung 1859 Berlin. E. Z. III.
337, Pl. VI. f. 11.

Crypsinus do. Schouteden 1905 op. cit. 19, Pl. 1. f. 3.

Sardinia; Hungary; S. Russia; Turkestan.

Putonia.

Stål 1872 O. V. A. F. XXX. 57; Schouteden 1905 op. cit. 20 (type *torrida*).

S. Russia; Turkestan.

1 **asiatica**

Putonia asiatica Jakovlev 1885 H. S. E. Ross. XIX. 108;
Schouteden 1905 l. c., Pl. 1. f. 4.

2 **torrida**

Putonia torrida Stål 1872 l. c.

Spain; North Africa.

Leprosomatessa nov.

| *Leprosoma* Baerensprung 1859 Berlin. E. Z. III. 336; Stål 1864 Hem. Afr. I. 85;
Jakovlev 1884 H. S. E. R. XVIII. 221; Schouteden 1905 l. c. (type *inconspicua*).

1 **carinata**

Leprosoma carinatum Montandon 1895 Bull. Soc. Sci. Bucarest IV. 158.

Rumania.

2 **inconspicua**

Leprosoma inconspicuum Baerensprung 1859 op. cit. 337, Pl.
6. f. 10; Jakovlev 1876 Тр. Русск. Энт. Общ.

S. France; Switzerland; S. Russia.
[? Spain].

¹⁾ not *leucogrammus* op. cit. 21651

VIII, Pl. 2. f. 2a; Schouteden 1905 op. cit. 21, Pl. 1. f. 1.

L. incospicuum Jakovlev 1884 H. S. E. R. XVIII. 223.

? *L. inconspicuum* Bolivar 1879 A. S. Españ. N. H. VIII, Pl. 2. f. 2.

3 **reticulata**

Trigonosoma reticulatum H-S. 1851 Wanz. IX. 332.

Leprosoma do. Stål 1864 l. c.

L. olcesii Fairmaire (1836?) Rev. Ent. IV. 354.

L. reticulatum var. *olcesii* Oshanin 1906 l. c.

S. Russia; N. Africa.

4 **stål**

Leprosoma stål Douglas and Scott 1868 Ent. Mo. Mag. V. 29.

Syria.

5 **tuberculata**

Leprosoma tuberculatum Jakovlev 1874 Тр. Русск. Энт.

Общ. VIII. 53, Pl. 2. f. 1 a. 2c; and 1884 H. S. E. Ross. XVIII. 225.

S. Russia; Turkestan.

Asaroticus.

Jakovlev 1884 H. S. E. Ross. XVIII. 215 a. 227; Schouteden 1905 op. cit. 21 (type *solskyi*).

1 **solskyi**

Leprosoma solskyi Jakovlev 1874 Тр. Русск. Энт. Общ. VII. 42, Pl. 1. f. 7.

Asaroticus do. Jakovlev 1884 H. S. E. Ross. XVIII. 229; Schouteden 1905 op. cit. 22, Pl. 1. 2.

S. Russia.

Astirocoris.

Jakovlev 1893 H. S. E. Ross. XXVIII. 130; Schouteden 1905 op. cit. 22 (type *intermittens*).

1 **intermittens**

Astirocoris intermittens Jakovlev 1893 op. cit. 132.

Turkestan.

Sternodontus.

Mulsant et Rey 1856 A. S. Linn. Lyon (2) III. 119; Schouteden 1905 l. c. (type *obtusus*).

1 **ampliat**

Sternodontus ampliat Jakovlev 1887 H. S. E. Ross. XXI. 300.

Persia.

2 **binodulus**

Sternodontus similis Jakovlev 1884 op. cit. XVIII. 213 (not Stål).

S. Russia.

S. binodulus Jakovlev 1893 op. cit. XXVII. 286.

3 **debilicostis**

Sternodontus obtusus var. *debilicostis* Puton 1884 Rev. Ent. III. 85.

Illyria.

S. debilicostis Puton 1885 op. cit. IV. 356.

4 **obtusus**¹⁾

Ancyrosoma obtusangula Fieber 1861 Eur. Hem. 373.

Sternodontus obtusus Mulsant et Rey 1856 A. S. Linn. Lyon (2) III. 120; and 1865 A. S. Linn. Lyon XII. 386; Schouteden 1905 op. cit. 23, Pl. 2. f. 4.

S. France; Hungary; Illyria; Egypt.

5 **purpureus**

Sternodontus purpureus Reuter 1879 Oefv. Finsk. Förh. XXI. 47.

E. Siberia.

6 **similis**

Ancyrosoma simile Stål 1854 O. V. A. F. XI. 232; and 1856 op. cit. XIII. 53.

Sternodontus similis Reuter l. c.

Siberia.

¹⁾ Puton and Oshanin refer to a *Scutellera subcarinata*, which I have not been able to trace.

var. **ehnborgi**

Sternodontus similis var. *ehnborgi* Reuter 1891 op. cit. XXXIII. 175.

S. s. var. *ehnborgi* Schouteden l. c.

Acroplax.

Acroplax Fieber 1860 Eur. Hem. 85; and 1861 op. cit. 372 (type *galii*).

Vilpianus Stål 1860 Berlin. E. Z. IV. 277; and 1872 O. V. A. F. XXIX. 34 a. 58; Schouteden 1905 op. cit. 23 (same type).

- 1 **galii** S. Europe; Turkestan.
Cimex galii Wolff 1802 Ic. Cim. III. 97, Pl. 10. f. 91.
Acroplax do. Fieber 1861 op. cit. 372.
Vilpianus do. Schouteden 1905 op. cit. 24, Pl. 2. f. 10.
 § Breddin 1896 Z. Naturw. LIX. 26 (protective colouring).
 Foodplant: *Galium verum*.

Testrica.

Testrica Walker 1867 Cat. Het. I. 69; Schouteden 1905 op. cit. 24 (type *antica*).
 subgen. (b) **Protestrica** Schouteden 1905 op. cit. 25 (type *rudis*).

(a) subgen. **typ.**

- 1 **antica** S. Australia.
Testrica antica Walker 1867 op. cit. 70.
 2 **bubala** N. Australia.
Testrica bubala Stål 1876 Svensk. Vet. Handl. 14. no. 4. p. 32.
 3 **haedulea** W. Australia.
Testrica haedulea Stål 1876 l. c.; Schouteden 1905 op. cit. 26, Pl. 2. f. 6.

(b) subgen. **Protestrica.**

- 4 **emarginata** Australia.
Bolbocoris emarginatus Vollenhoven 1868 Versl. Ak. Nat. Amsterd. (2) II. 177.
 5 **mimica** Queensland.
Bolbocoris mimicus Walker 1867 Cat. Het. I. 63.
 6 **rudis** S. Australia.
Podops rudis Germar 1839 Zeitschr. Ent. I. 66.
 7 **stâli** N. Australia.
Testrica || *emarginata* Stål 1876 l. c.
T. stâli Schouteden 1905 op. cit. 26.
 8 **subpunctata** Queensland.
Bolbocoris subpunctatus Walker 1867 l. c.

Testricoides.

Schouteden 1905 A. S. E. Belg. XLIX. 144; and Gen. 26 (type *pulcherrimus*).

- 1 **pulcherrimus** Victoria.
Testricoides pulcherrimus Schouteden 1905 A. S. E. Belg. XLIX. 144; and Gen. 26, Pl. 2. f. 8.

Deroploa.

Westwood 1834 Zool. Journ. V. 445; Schouteden 1905 Gen. 27 (type *parva*).

- 1 **affinis** Victoria.
Deroploa affinis Schouteden 1905 A. S. E. Belg. XLIX. 143; and Gen. 27, Pl. 2. f. 5.
 2 **parva** N. Australia; Tasmania.
Deroploa parva Westwood 1834 l. c., Pl. 22. f. 6; Amyot et Serville 1843 Hém. 58.

Deroploopsis.

Schouteden 1905 Gen. Ins. 30. pp. 5 a. 27 (type *curvicornis*).1 *curvicornis*

Queensland.

Deroploa curvicornis Stål 1876 l. c.*Deroploopsis* do. Schouteden 1905 op. cit. 28, Pl. 2. figs. 14—15.

Ventocoris.

|| *Trigonosoma* Laporte 1832 Essai 69; Horváth 1889 Rev. Ent. VIII. 33; Schouteden 1905 op. cit. 10 (type *nigellae* = *rusticus*).*Ventocoris* Hahn 1834 Wanz. II. 35, Pl. XLIII. f. E—G (same type).*Glypheria* Mulsant et Rey 1865 A. S. Linn. Lyon XII. 372 (type *aeruginosa* = *rusticus*).subgen. (b) *Selenodera* Horváth 1889 Rev. Ent. VIII. 37 (type *obesus*).subgen. (c) *Paraselenodera* Schouteden 1905 op. cit. 11 a. 12 (type *carinatus*).

(a) subgen. typ.

1 *rusticus**Cimex rusticus* Fabricius 1781 Spec. Ins. II. 339.*C. aeruginosus* Cyrillo 1787 Ent. Neap. I. 5, Pl. 6. f. 3.*C. nigellae* Fabricius 1787 Mant. Ins. 280.|| *C. flavipes* Villers 1789 Linn. Ent. I. 483.*Ventocoris nigellae* Hahn 1834 Wanz. II. 36, f. 133.var. (b) *advena**Trigonosoma rusticum* var. *advena* Horváth 1896 Rev. Ent.

XV. 231; Puton 1896 Rev. Ent. XV. 232.

var. (c) *antica**Trigonosoma rusticum* var. *anticum* Puton 1896 op. cit. 233.var. (d) *trigona**Scutellera trigona* Krynicki 1871 Тр. Естеств. Харѣк.

УИИВ. IV. 6.

Trigonosoma do. Horváth 1901 Termész. füzet. XXIV. 470.Foodplants: *Ceratophyllum falcatum*; *Myosurus minimus*;*Nigella arvensis* and *foeniculacea*.(b) subgen. *Selenodera*.2 *cribrosus**Trigonosoma cribrosum* Horváth 1889 Rev. Ent. VIII. 35 a. 39.3 *falcatus**Cimex falcatus* Cyrillo 1787 Ent. Neap. I. 5, Pl. 6. f. 9.*C. desfontaini* Germar 1836 Faun. Eur. 21, Pl. 19 (not. Fabr.)*Trigonosoma bohemani* Dohrn 1860 Stett. E. Z. XXI. 100.*T. falcatum* Horváth 1889 op. cit. 35 a. 42.var. (b) *achiva**Trigonosoma falcatum* var. *achivum* Horváth 1889 op. cit. 44.var. (c) *balassogloi**Trigonosoma falcatum* var. *balassogloi* Horváth 1889 l. c.var. (d) *cerifera**Trigonosoma ceriferum* Horváth 1889 op. cit. 35 a. 45.var. (e) *desfontaini**Cimex desfontaini* Fabricius 1794 Ent. Syst. IV. 89; Coquebert

1799 Ill. Ins. I. 39, Pl. 10 f. 5.

Trigonosoma stålî Reuter 1881 Berl. E. Z. XXV. 155.var. (f) *orthoceras**Trigonosoma falcatum* var. *orthoceras* Horváth 1889 op. cit. 44.var. (g) *reflexa**Tetyra desfontainii* Rambur 1840 Faun. Andal. II. 97 (not Fabr.)*Trigonosoma falcatum* var. *reflexum* Horváth 1889 op. cit. 43.Mediterranean sub-
region; S. Russia;
Turkestan.

Turkestan.

Algeria; Tunis.

Bulgaria; Hungary;
S. Russia; Asia
minor; Syria; Tur-
kestan.

Turkestan.

Mediterranean sub-
region; S. Russia;
Asia minor; Tur-
kestan.

Greece.

Turkestan.

Italy; Sicily;

Italy; Sicily.

S. France; Spain;
Sicily.

- 4 **fischeri**
Trigonosoma fischeri H-S. 1851 Wanz. IX. 331; Stål 1864 Hem. Afr. I. 84; Horváth 1889 op. cit. 35 a. 40.
T. baerensprungi Stål 1860 Berl. E. Z. IV. 277.
T. lehmanni Fieber 1864 Wien. E. M. VIII. 334.
T. umbrosum Jakovlev 1882 Тр. Русск. Энт. Общ. XIII. 145.
T. confusum W. F. Kirby 1891 J. Linn. S. London (Zool.) XXIV. 77.
- 5 **halophilus**
Trigonosoma halophila Jakovlev 1874 Bull. S. N. Moscou, pt. 2. 232, Pl. 10. f. 1.
T. halophilum Horváth 1889 op. cit. 35 a. 38; Schouteden 1905 op. cit., Pl. 1. f. 9.
- 6 **horvathi**
Trigonosoma horvathi Puton 1896 Rev. Ent. XV. 232.
- 7 **obesus**
Trigonosoma obesum Stål 1864 Hem. Afr. I. 84; Horváth 1889 op. cit. 35 a. 38.
- 8 **productus**
Trigonosoma productum Jakovlev 1885 H. S. E. Ross. XIX. 106; Horváth 1889 op. cit. 35 a. 41.
- 9 **putoni**
Trigonosoma putoni Jakovlev 1877 Тр. Русск. Энт. Общ. X. 75; and 1882 op. cit. XIII. 144; Horváth 1889 op. cit. 35 a. 46.
- (c) subgen. *Paraselenodera*.
- 10 **carinatus**
Trigonosoma carinatum Jakovlev 1887 H. S. E. Ross. XXI. 298; Horváth 1889 op. cit. 36 a. 47.
- 11 **modestus**
Trigonosoma modestum Jakovlev 1880 Тр. Русск. Энт. Общ. XI. 207; and 1882 op. cit. XIII. 144; Horváth 1889 op. cit. 36 a. 48.
- var. **'martini**
Trigonosoma modestum var. *martini* Horváth 1889 op. cit. 48.
- 12 **oblongus**
Trigonosoma oblongum Horváth 1889 op. cit. 36 a. 49.
- 13 **oschanini**
Trigonosoma oschanini Horváth 1889 op. cit. 36 a. 47.

Bolbocoris.

- Amyot et Serville 1843 Hém. 50; Stål 1864 Hem. Afr. I. 85; Schouteden 1903 Rh. Aeth. I. 99; and 1905 Gen. Ins. 30. p. 12 (type *tricolor* = *rufus*).
- 1 **inaequalis**
Trigonosoma inaequalis Germar 1837 Silb. Rev. Ent. V. 183.
Bolbocoris sordidus Stål 1853 O. V. F. X. 211.
B. inaequalis Stål 1864 Hem. Afr. I. 87; Schouteden 1903 Rhynch. Aeth. I. 103, f. 22.
- 2 **obscuricornis**
Bolbocoris obscuricornis Stål 1858 O. V. A. F. XV. 311; and 1864 Hem. Afr. I. 87; Schouteden 1903 op. cit. 105.
- 3 **rufus**
Trigonosoma rufum [Westwood] 1837 Cat. Hope I. 12.
T. carinata Germar 1837 Silb. Rev. Ent. V. 188.

Spain; Corsica; S. Russia; Turkomania; Turkestan; Asia minor; Egypt; Egyptian Sudan; Nubia.

S. Russia; Turkestan.

Syria.

Algeria; Egypt.

Turkestan.

N. Persia.

Turkestan.

N. Persia; S. Russia; Algeria.

Algeria; Egypt; S. Russia.

S. Russia.

Turkestan.

Bechuanaland.

Kongo; Cape Colony; German and Portuguese East Africa.

T. rufa H-S. 1839 Wanz. V. 42, f. 494.

Bolbocoris rufus Stål 1864 Hem. Afr. I. 86; Schouteden 1903 op. cit. 100, Pl. II. f. 7.

var. (b) **tricolor**

Bolbocoris tricolor Amyot et Serville 1843 Hém. 50.

B. rufus var. *tricolor* Schouteden 1903 l. c., Pl. 2 f. 7; and 1905 Gen. Ins. 30 p. 13, Pl. 1. f. 11.

var. (c) **variolosus**

Trigonosoma variolosus Germar 1839 Zeitschr. Ent. I. 58; H-S. 1839 Wanz. V. 43, f. 493.

Bolbocoris variolosus Stål 1864 op. cit. 87; Schouteden 1903 Rh. Aeth. 102.

var. (d) **xanthopus**

Bolbocoris xanthopus Stål 1853 O. V. A. F. X. 211.

B. rufus var. *xanthopus* Schouteden 1903 Rhynch. Aeth. I. 101.

Erythraea; Senegal.

Kongo; Cape Colony;
German and Portuguese East Africa.

Parabolbocoris.

Schouteden 1903 Rhynch. Aeth. I. 96 a. 106; and 1905 Gen. Ins. 30. p. 13 (type *signoreti*).

1 **signoreti**

Parabolbocoris signoreti Schouteden 1903 Rh. Aeth. I. 107, textf. 23; and 1905 Gen. p. 13, Pl. 2. f. 2.

Erythraea.

Eobanus.

Distant 1901 A. M. N. H. (7) VIII. 240; and 1902 Faun. Ind. Rh. I. 72; Schouteden 1905 op. cit. 13 (type *typicus*).

1 **typicus**

Eobanus typicus Distant 1901 A. M. N. H. (7) VIII. 241; and 1902 Faun. Ind. Rh. I. 72. p. 35.

Burma.

Neocazira.

Neocazira Distant 1883 T. E. S. London 420 (type *confragrosa*).

Hilrya Schouteden 1905 A. S. E. Belg. XLIX. 142; and Gen. Ins. 30. p. 9 (type *tibialis*).

1 **confragrosa**

Neocazira confragrosa Distant 1883 l. c., Pl. 19. f. 2.

Japan.

2 **tibialis**

Hilrya tibialis Schouteden 1905 A. S. E. Belg. XLIX. 142; and Gen. Ins. 30. p. 9, Pl. 2. f. 11.

Java.

Phymatocoris.

Stål 1853 O. V. A. E. X. 213; and 1864 Hem. Afr. I. 88; Schouteden 1903 Rh. Aeth. I. 109; and 1905 Gen. p. 9 (type *strumosus*).

1 **strumosus**

Phymatocoris strumosus Stål 1853 O. V. A. F. X. 213; and 1864 Hem. Afr. I. 88; Schouteden 1903 Rh. Aeth. I. 110, Pl. 2. f. 9.

Cape Colony.

Brachycerocoris.

Brachycerocoris A. Costa 1863 Rend. Ac. Napoli (2) VIII. 191; Schouteden 1903 Rh. Aeth. I. 107; and 1905 Gen. p. 8 (type *camelus*).

Tucrus Stål 1865 A. S. E. France (4) V. 168 (type *dromedarius*).

Teressa Walker 1867 Cat. Het. I. 113 (type *terranca* = *camelus*).

1 **afer**

Brachycerocoris afer Stål 1876 Svensk. Vet. Ak. Handl. 14. no. 4. p. 31; Schouteden 1903 Rh. Aeth. I. 108, Pl. 2. f. 8.

Damaraland; Cape Colony.

2 **camelus**

Brachycerocoris camelus A. Costa 1863 op. cit. 192; Distant 1902 Faun. Ind. Rh. I. 71; f. 34.
Teressa terranea Walker 1867 l. c.

Ceylon; N. China.

3 **congoanus**

Brachycerocoris congoanus Schouteden 1905 A. S. E. Belg. XLIX.141; and Gen. p. 9. Pl. 1. f. 8.

Kongo.

4 **dromedarius**

Tarisa dromedarius Vollenhoven 1863 Faun. ent. indo-néerl. I. 57. Pl. 4. f. 11.

Celebes.

Amauropepla.

Stål 1867 O. V. A. F. XXIV. 502; Schouteden 1905 Gen. p. 37 (type *denticulata*).

1 **denticulata**

Amauropepla denticulata Haglund 1868 Stett. E. Z. XXIX. 151;
 Distant 1902 Faun. Ind. Rh. I. 79, f. 38; Schouteden 1905 op. cit. 38, Pl. 3. f. 6.

Assam; Burma.

Haullevillea.

Schouteden 1903 Rh. Aeth. I. 96 a. 126; and 1905 Gen. p. 38 (type *denticulata*).

1 **denticulata**

Haullevillea denticulata Schouteden 1903 Rh. Aeth. I. 126, textf. 30.

Togoland; NiamNiam.

Stortheconis.

Horváth 1883 Wien. E. Z. II. 296; Schouteden 1905 Gen. p. 39 (type *nigriceps*).

1 **nigriceps**

Scotinophara tarsalis var. Distant 1879 A. M. N. H. (5) III. 46.
Stortheconis nigriceps Horváth 1883 op. cit. 297; Distant 1902 Faun. Ind. Rh. I. 78, f. 37; Schouteden 1905 op. cit. 40, Pl. 3. f. 9.

Assam.

Kayesia.

Schouteden 1903 Rh. Aeth. I. 95 a. 114; and 1905 Gen. p. 41 (type *parva*).

1 **parva**

Kayesia parva Schouteden 1903 Rh. Aeth. I. 114, f. 26; and 1905 Gen. p. 41, Pl. 3. f. 7.

French Sudan.

Oncozygia.

Stål 1872 Svensk. Vet. Akad. Handl. 10. no. 4 p. 15; Schouteden 1905 Gen. p. 29 (type *clavicornis*).

1 **clavicornis**

Oncozygia clavicornis Stål 1872 op. cit. 16; Schouteden 1905 op. cit. 30, Pl. 3. f. 12.

Texas; Virginia.

Oncozygidea.

Reuter 1882 Oefv. Finsk. Förh. XXV. 4; Schouteden l. c. (type *flavitaris*).

1 **flavitaris**

Oncozygidea flavitaris Reuter 1882 op. cit. 5; Schouteden 1903 Rh. Aeth. I. 116.

Guinea.

Tarisa.

Tarisa Amyot et Serville 1843 Hém. 59; Reuter 1900 Oefv. Finsk. Förh. XLIII. 25; Schouteden 1903 Rh. Aeth. I. 111; and 1905 Gen. Ins. 30 p. 7 (type *flavescens*).
Coelocoris Bolívar 1879 A. S. Españ. N. H. VIII. 134 (type *aeliodes*!)

1 **aeliodes**

Coelocoris aeliodes Bolívar l. c.

S. Arabia; Abyssinia.

- Tarisa elongata* Horváth 1899 Termész. füzet. XXII. 444;
Reuter 1900 op. cit. 46, Pl. 2. f. 12.
T. aeliodes Schouteden 1905 Rh. Aeth. I. 111 a. 112, textf. 24.
var. (b) **pictipes**
Tarisa elongata var. *pictipes* Reuter 1900 op. cit. 48.
- 2 **camelus** Algeria; Tunis.
Tarisa camelus Reuter 1900 op. cit. 27 a. 37, Pl. 1. f. 7.
var. **testacea**
Tarisa camelus var. *testacea* Reuter op. cit. 38.
- 3 **chloris** Turkestan.
Tarisa chloris Horváth 1904 Ann. Mus. Hung. II. 580.
- 4 **dimidiatipes** Algeria.
Tarisa dimidiatipes Puton 1874 Pet. Nouv. Ent. VI. 452;
Reuter 1900 op. cit. 44.
Foodplants: Salsolaceae.
- 5 **elevata** S. Russia; Turkestan;
Tarisa subspinosus Puton 1876 A. S. E. France (5) VI. 23 Turkomania.
(not Klug)
T. elevata Reuter 1900 op. cit. 27 a. 36, Pl. 1. f. 6.
var. **luridula** Persia.
Tarisa elevata var. *luridula* Reuter op. cit. 37.
- 6 **flavescens** Spain; Greece; North
Tarisa flavescens Amyot et Serville 1843 Hém. 60, Pl. 12. Africa; Turkomania;
f. 3; Reuter 1900 op. cit. 30, Pl. 1. f. 2 (♀) Schouteden Madeira.
1905 Gen. p. 7, Pl. 1. f. 5.
var. (b) **lurida**
Tarisa flavescens var. *lurida* Reuter op. cit. 31.
var. (c) **signata**
Tarisa flavescens var. *signata* Reuter l. c.
Foodplants: *Artemisia*.
- 7 **fraudatrix** S. Russia; Turko-
Tarisa subspinosus var. *fraudatrix* Horváth 1891 Rev. Ent. X. 76. mania; Turkestan;
T. fraudatrix Reuter 1900 op. cit. 40, Pl. 2. f. 9. Persia.
- var. (b) **rosea**
Tarisa subspinosus var. *rosea* Horváth op. cit. 77.
T. fraudatrix var. *rosea* Reuter l. c.
- 8 **gibbosa** S. Arabia; Abyssinia.
Coelocoris gibbosus Bolivar 1879 A. S. Españ. N. H. VIII. 134.
T. adusta Reuter 1900 op. cit. 29 a. 45, Pl. 2. f. 11.
T. gibbosa Schouteden 1903 Rh. Aeth. I. 111 a. 113, textf. 25.
- 9 **leprosa** Algeria.
Tarisa leprosa Puton 1874 Pet. Nouv. VI. 452; Reuter 1900
op. cit. 29, Pl. 1. f. 1 (♀).
Foodplants: Salsolaceae.
- 10 **palleseens** S. Russia.
Tarisa virescens Fieber 1861 Eur. Hem. 372, (and most authors
but not H-S.)
T. palleseens Jakovlev 1871 Тр. Русск. Эн. Общ. VI.
33; Reuter 1900 op. cit. 28 a. 38, Pl. 2. f. 8.
var. (b) **incarnata**
Tarisa palleseens var. *incarnata* Reuter op. cit. 39.
var. (c) **subpallida** nov.
Tarisa palleseens var. *typica* (!) Reuter l. c.

var. (d) **virens**

Tarisa pallescens var. *virens* Reuter l. c.

Foodplant: *Zygophyllum*.

11 **setulosa**

Tarisa setulosa Montandon 1900 Bull. Soc. Sci. Bucarest. IX. 155; Reuter 1900 op. cit. 27 a. 35, Pl. 1. f. 5.

Algeria.

12 **spinifera**

Tarisa spinifer Reuter 1900 op. cit. 27 a. 33, Pl. 1. f. 4.

S. Arabia.

13 **subspinosa**

Tetyra subspinosa Klug 1845 Symb. V., Pl. 43. f. 6—7.

Tarisa consimilis Reuter 1891 Rev. Ent. X. 133.

T. subspinosa Reuter 1900 op. cit. 42, Pl. 2. f. 10.

Egypt.

14 **virescens**

Tarisa virescens H-S. 1851 Wanz. IX. 348, Pl. 324 A—B; Reuter 1900 Oefv. Finsk. Förh. XLIII. 32, Pl. 1. f. 3 (♀).

Odontotarsus notoceras Kolenati 1857 Bull. S. N. Moscou XXIX (2) 497, Pl. 3. f. 4 a—c.

S. Russia; [? Syria; Asia minor].

var. (b) **obtusior**

Tarisa virescens var. *obtusior* Reuter 1900 op. cit. 33.

Cyptocoris.

Burmeister 1835 Handb. Ent. II. 387; Stål 1864 Hem. Afr. I. 82; Schouteden 1903 Rh. Aeth. I. 93 (type *lundii*).

1 **lundii**¹⁾

Tetyra lundii Fabricius 1803 Syst. Rh. 133.

Cyptocoris do Stål 1864 Hem. Afr. I. 82.

C. lundii Schouteden 1903 op. cit. 97, textf. 21; and 1905 Gen. p. 6, Pl. 3. f. 10.

Ethiopian Region
(excl. Mascarene
subr.)

2 **wahlbergi**

Cyptocoris lundii Germar 1839 Zeitschr. Ent. I. 50, Pl. 1. f. 4; and H-S. 1851 Wanz. IX. 329, f. 1006.

C. wahlbergi Stål 1864 Hem. Afr. I. 83; Schouteden 1903 Rh. Aeth. I. 98, Pl. II. f. 6.

Ethiopian Region
(excl. Mascarene
subr.)

§§ Schouteden 1903 op. cit. 131, Pl. IV. f. 11 (n.) [1905].

Severinina.

Schouteden 1903 Rh. Aeth. I. 96 a. 116; and 1905 Gen. p. 36 (type *bergrothi*).
Belgian Kongo.

1 **bergrothi**

Severinina bergrothi Schouteden 1903 Rh. Aeth. I. 116, Pl. II. f. 10.

Thoria.

Stål 1864 Hem. Afr. I. 77 a. 90; Schouteden 1903 op. cit. 117; and Gen. p. 35 (type *natalensis*).

1 **affinis**

Thoria affinis Reuter 1887 Ent. Tidskr. VIII. 79; Schouteden 1903 Rh. Aeth. I. 120.

Madagascar.

2 **distans**

Thoria distans Reuter 1887 l. c., Schouteden 1903 l. c.

Madagascar.

3 **natalensis**

Podops natalensis Stål 1853 O. V. A. F. X. 211.

Thoria do. Stål 1864 Hem. Afr. I. 91; Schouteden 1903 Rh. Aeth. I. 118, Pl. 2. f. 11.

Cape Colony.

4 **sinuata**

Podops sinuatus Signoret 1861 A. S. E. France (2) VIII. 919.

Madagascar.

¹⁾ Is this *Cimex lundii* Gmelin 1789 S. N. (Ed. XIII) 2178?

- P. breviscutum* Vollenhoven 1869 Rech. Faune Mad. V. 13.
Thoria sinuata Stål 1864 l. c.; Schouteden 1903 op. cit. 119;
 and 1905 Gen. p. 36, Pl. 3. f. 2.

Melanophara.

- Stål 1867 O. V. A. F. XXIV. 503; Schouteden 1905 l. c. (type *dentata*).
 1 **dentata** Assam; Burma.
Melanophara dentata Haglund 1868 Stett. E. Z. XXIX. 151; **Macao**
 Distant 1902 Faun. Ind. Rh. I. 79, f. 39.
 2 **spinifera** India (Bengal, Calcutta); Penang.
Podops spinifera [Westwood] 1837 Cat. Hope I. 16.
P. finestus Walker 1868 Cat. Het. III. 521.
Melanophara spinifera Distant 1902 op. cit. 80; Schouteden
 1905 op. cit. 37, Pl. 3. f. 4.

Scotinophara.

- Stål 1867 O. V. A. F. XXIV. 502 a. 523; Horváth 1883 Wien. E. Z. II. 165; Schouteden 1903 Rh. Aeth. I. 120; and 1905 Gen. p. 33 (type *fibulata*).
 1 **affinis** Burma.
Scotinophara affinis Haglund 1868 Stett. E. Z. XXIX. 153.
Podops do. Distant 1902 Faun. Ind. Rh. I. 74.
 2 **bispinosa** India.
Cimex bispinosus Fabricius 1798 Ent. Syst. Suppl. 529.
Podops bispinosa Distant 1902 op. cit. 77.
 3 **calligera** Borneo.
Scotinophara calligera Bergroth 1893 Rev. Ent. XII. 153.
 4 **ceylonica** Ceylon.
Podops ceylonica Distant 1901 A. M. N. H. (7) VIII. 241.
P. celonica Distant 1902 Faun. Ind. Rh. I. 75.
 5 **cinerea** Java; Borneo; Sumatra (? Japan).
Podops cinereus Le Guillou 1841 Rev. Zool. 261; Breddin
 1905 Beih. Jb. Hamb. Wiss. Anst. XXII. (2) 113.
P. vermiculatus Vollenhoven 1863 Faune ent. indo-néerl. I.
 41, Pl. III. f. 7.
 § Koningsberger 1903 Med. 's lands Plant. LXIV. 12, Pl. 1.
 f. 17 (adult).
 Foodplant: *Oryza sativa*.
 6 **coarctata** India (Tranquebar).
Cimex coarctatus Fabricius 1798 op. cit. 530.
Podops spinosus Walker 1867 Cat. Het. I. 73.
P. nasalis Walker l. c.
P. exactus Walker op. cit. 74.
P. coarctata Distant 1902 op. cit. 73, f. 36.
 7 **cornuta** Egyptian Sudan.
Scotinophara sicula var. *cornuta* Horváth 1883 Wien. E. Z.
 II. 167, Pl. 2. f. 11.
S. cornuta Schouteden 1903 Rh. Aeth. I. 124, f. 28.
 8 **curvispina** German E. Africa.
Scotinophara curvispina Schouteden 1903 op. cit. 121 a. 123,
 f. 27.
 9 **dentata** India (Calcutta etc.).
Podops dentata Distant 1901 A. M. N. H. (7) VIII. 242; and
 1902 Faun. Ind. Rh. I. 75.
 10 **fibulata** Ethiopian Region
 (mainland).
Podops fibulatus Germar 1833 Zeitschr. Ent. I. 65.
P. fibulata Stål 1865 Hem. Afr. I. 90.

- P. pallipes* Dallas 1851 List 53.
P. spinicollis Stål 1853 O. V. A. F. X. 211.
P. tibialis Signoret 1861 A. S. E. F. (3) VIII. 919.
 ? *P. terricolor* Walker 1867 Cat. Het. I. 71.
 ? *P. asper* Walker op. cit. 72.
Scotinophara fibulata Schouteden 1903 op. cit. 121, Pl. 2. f. 12.
- 11 **geophila** N. Australia; New Caledonia.
Scutellera geophila Montrouzier 1858 A. S. Linn. Lyon. V. 243.
Podops geophilus Montrouzier 1861 A. S. E. France (4) I. 61.
Scotinophara geophila Schouteden 1905 Gen. Ins. 30. p. 34, Pl. 3. f. 3.
- 12 **horvathi** Japan.
Scotinophara vermiculata Horváth 1879 Termész. füzet. III. 143 (not Vollenhoven).
Scotinophara (!) horvathi Distant 1883 T. E. S. London 421, Pl. 19. f. 3.
- 13 **inermiceps** Sumatra; Java.
Podops inermiceps Breddin 1900 Stett. E. Z. LXI. 284.
- 14 **inermis** Java; Celebes.
Scotinophara inermis Haglund 1868 Stett. E. Z. XXIX. 152.
Podops do. var.? Breddin 1900 op. cit. 281.
- 15 **latiuseula** Sumatra.
Podops latiuseula Breddin 1900 op. cit. 282.
- 16 **limosa** India (Calcutta); Tenasserim.
Podops limosus Walker 1867 op. cit. 72.
P. limosa Distant 1902 op. cit. 76.
- 17 **longispina** S. India.
Scotinophara longispina Schouteden 1905 A. S. E. Belg. XLIX. 149; and Gen. p. 35, Pl. 3. f. 1.
- 18 **lurida** Assam; China (Kwangtung); Japan; Celebes.
Tetyra lurida Burmeister 1834 Nov. Act. Ac. Leop. Car. XVI. suppl. 288.
Podops do. Distant 1902 op. cit. 74.
- 19 **madagascariensis** Madagascar.
Scotinophara madagascariensis Schouteden 1903 Rh. Aeth. I. 125, f. 29.
- 20 **malayensis** Perak.
Podops malayensis Distant 1903 Faun. Malay., Zool. I. 229, Pl. 15. f. 1.
- 21 **nigra** India.
Podops niger Dallas 1851 List 53.
P. nigra Distant 1902 Faun. Ind. Rh. I. 76.
- 22 **obscura** Assam; Tenasserim; N. China. [? Java; Borneo].
Podops obscurus Dallas op. cit. 52; Vollenhoven 1863 op. cit. 41, Pl. 3. f. 6.
P. obscura Distant 1902 op. cit. 74.
- 23 **ochracea** India; Tenasserim. Burma
Podops ochracea Distant 1901 A. M. N. H. (7) VIII. 241; and 1902 Faun. Ind. Rh. I. 76.
- 24 **scottii** Japan.
 || *Scotinophara tarsalis* Scott 1874 A. M. N. H. (4) XIV. 292.
S. scottii Horváth 1879 Termész. füzet. III. 144.
- 25 **scutellata** Ceylon; Japan.
Scotinophara scutellata Scott 1880 T. E. S. London 307.
Podops do. Distant 1902 op. cit. 77.

- 26 **serrata** *Podops serratus* Vollenhoven 1863 op. cit. 42, Pl. III. f. 9.
Scotinophara serrata Stål 1871 O. V. A. F. XXVII. 623.
Podops serrata Distant 1902 op. cit. 75. Philippines; Assam; Burma; Malay Pen.; Borneo; Celebes. **Sumatra**
- 27 **sicula** *Podops siculus* A. Costa 1841 A. S. E. France X. 301, Pl. VI. f. 8; Fieber 1861 Eur. Hem. 350.
Scotinophara sicula Horváth 1883 Wien. E. Z. II. 166, Pl. 2. f. 10. Sicily; Sardinia. [Egypt in error, see *cornuta*].
- 28 **sororecula** *Podops sororecula* Breddin 1900 Stett. E. Z. LXI. 232. Sumatra.
- 29 **subalpina** || *Podops horvathi* Fokker 1893 Tijdschr. Ent. XXXVI. 16, Pl. 1. f. 1—3. Tyrol.
Scotinophara subalpina Bergroth 1893 Rev. Ent. XII. 153.
- 30 **tarsalis** *Podops tarsalis* Vollenhoven 1863 op. cit. 42, Pl. III. f. 8; Breddin 1900 op. cit. 285. Sumatra; Java; Borneo; Philippines.
Scotinophara do. Stål 1871 l. c.

Podops.

Podops Laporte 1832 Essai 67 a. 72; Horváth 1883 Wien. E. Z. II. 133; Schouteden 1905 Gen. p. 30 (type *inunctus*).
 subgen. (b) **Opoerates** Horváth 1883 op. cit. 136 a. 161 (type *curvidens*).
 subgen. (c) **Petalodera** Horváth op. cit. 135 a. 138 (type *buccatus*).

(a) subgen. typ.

- 1 **calliger** *Podops calligera* Horváth 1887 Rev. Ent. VI. 253, textfig. (on p. 254). France.
- 2 **inunctus** *Cimex inunctus* Fabricius 1775 Syst. Ent. 700. Europe; Siberia; Algeria.
Podops inuncta Fieber 1861 Eur. Hem. 350; Douglas and Scott 1865 Brit. Hem. 73, Pl. 2. f. 8; Horváth 1883 Wien. E. Z. II. 136, Pl. II. f. 1; Saunders 1892 Hem. Het. Brit. Isl. 17, Pl. 1. f. 5.
- 3 **retowskii** *Podops retowskii* Horváth 1883 op. cit. 135 a. 137, Pl. II. f. 2.
P. retowskyi Oshanin 1906 op. cit. 69. S. Russia.

(b) subgen. Opoerates.

- 4 **annulicornis** *Podops annulicornis* Jakovlev 1877 Bull. S. N. Moscou LII. (2) 280; Horváth 1883 Wien. E. Z. II. 164, Pl. II. f. 9. S. Russia.
- 5 **curvidens** *Podops curvidens* A. Costa (1847?) Atti Ist. incorr. Sci. nat. Napoli VII. 210, Pl. (?) f. 12; Horváth 1883 op. cit. 162, Pl. II. f. 6; Schouteden 1905 Gen. p. 32, Pl. 3. f. 8. S. France; Corsica; Italy; Dalmatia; Hungary; Servia. Greece.
- 6 **dalmatinus** *Podops dalmatina* Horváth 1883 op. cit. 136 a. 162, Pl. II. f. 5. Dalmatia.
- 7 **gemellatus** *Podops gemellata* Horváth 1891 Rev. Ent. X. 77. S. Russia.
- 8 **incertus** *Podops incerta* Horváth 1883 Wien. E. Z. II. 136 a. 163, Pl. II. f. 7. Rumania; S. Russia;
- 9 **rectidens** *Podops rectidens* Horváth 1883 op. cit. 136 a. 164, Pl. II. f. 8, 8a. Greece; Turkey; Rumania; Hungary.

(c) subgen. *Petalodera*.10 *buccatus**Podops buccata* Horváth 1883 op. cit. 136 a. 133, Pl. II. f. 3.

Algeria; Tunis.

11 *dilatatus**Podops dilatata* Puton 1873 A. S. E. France (5) III. 12, Pl. 1. f. 1; Bolivar et Chicote 1879 A. S. Españ. N. H. VIII. (p. ?), Pl. 3. f. 2; Horváth 1883 op. cit. 161, Pl. II. f. 4.

Spain.

12 *tangirus**Tetyra tangira* Fabricius 1803 Syst. Rh. 133.

N. Africa.

Podops do. Horváth 1888 Rev. Ent. VII. 171, Pl. 1. f. 2.*Amaurochrous*.Stål 1872 Svensk. Vet. Ak. Handl. 10. no. 4. p. 15; Schouteden 1905 Gen. p. 32 (type *cinctipes*).1 *cinctipes**Tetyra cinctipes* Say 1828 Amer. Ent. III. 94, Pl. 43, lower right fig.; and 1859 Compl. Writ. I. 94, Pl. 43. f. 4.*Podops dubius* Germar 1839 Zeitschr. Ent. I. 64; H-S. 1839 Wanz. V. 44, f. 495 (not Pal. Beauv.).2 *dubius**Scutellera dubia* Pal. Beauv. 1805 Ins. Afr. Amér. 33, Hém. Pl. 5. f. 6.

Cuba; Hayti.

3 *parvulus**Podops parvulus* Van Duzee 1904 T. Amer. E. S. XXX. 22. *Amaurochrous do.* Schouteden 1905 op. cit. 33, Pl. 3. f. 13.

N. America.

Weda.Schouteden 1905 A. S. E. Belg. XLIX. 145; and Gen. p. 42 (type *horvathi*).1 *horvathi**Weda horvathi* Schouteden 1905 A. S. E. Belg. XLIX. 145.

Colorado.

Aspidestrophus.Stål 1854 O. V. A. F. XI. 232; Vollenhoven 1863 Faune Ent. indo-néerl. I. 43; Schouteden 1905 Gen. p. 40 (type *morio*).1 *morio**Aspidestrophus morio* Stål 1854 l. c.; and 1859 Eugenie's Resa, Ins. III. 219, Pl. III. f. 1; Vollenhoven 1863 l. c.; Distant 1902 Faun. Ind. Rh. I. 80, f. 40.

Assam; Burma; Sumatra; Java; Perak; Borneo.

A. lineola Vollenhoven 1863 op. cit. 44, Pl. III. f. 10; Distant l. c.*Sepidiocoris*.Schouteden 1903 Rh. Aeth. I. 96 a. 127; and 1905 Gen. p. 33 (type *noualhieri*).1 *noualhieri**Sepidiocoris noualhieri* Schouteden 1903 Rh. Aeth. I. 128, textf. 31; and 1905 Gen. p. 39, Pl. 3. f. 5.

Togoland.

Tornosia.Bolivar 1879 A. S. Españ. N. H. VIII. 136; Schouteden 1903 Rh. Aeth. I. 129; and 1905 Gen. p. 41 (type *insularis*).1 *insularis**Tornosia insularis* Bolivar 1879 op. cit. 137; Schouteden 1903 Rh. Aeth. I. 129, Pl. 2. f. 13.

Kongo; German E. Africa.

var. *brevispina* Schouteden op. cit. 130.*Dybowskyia*.*Dybowskyia* Jakovlev 1876 Bull. S. N. Moscou pt. 2, p. 85; and 1880 Тр. Рущк.-Энт. Общ. XII. 9; Schouteden 1905 Gen. p. 14 (type *ussurensis*).*Bolbocoris* Jakovlev 1892 H. S. E. Ross. XXVIII. 132 (not Amyot et Serville).

- 1 **reticulata** N. China; Japan.
Bolbocoris? reticulatus Dallas 1851 List 45.
Eurygaster incomptus Walker 1867 Cat. Het. I. 67.
Dybowskya reticulata Breddin 1905 Wien. E. Z. XXIV. 30.
- 2 **ussurensis** Siberia.
Dybowskya ussurensis Jakovlev 1876 op. cit. 87; Schouteden
 1905 op. cit. 15, Pl. 1. f. 10.

Pentatominae of uncertain position.

(Acanthosomini enumerated separately).

Adoxoplatys.

- Breddin 1903 Sb. Ges. Fr. Berlin 368 (type *minax*!)
- 1 **comis** Perú; Bolivia.
Adoxoplatys comis Breddin 1903 op. cit. 369.
- 2 **minax** Perú; Bolivia.
Adoxoplatys minax Breddin 1903 op. cit. 368.

Catalampusa.

- Breddin 1903 op. cit. 369 (type *oenops*).
- 3 **oenops** Bolivia.
Catalampusa oenops Breddin 1903 op. cit. 370.

Chrysodarecus.

- Breddin 1903 op. cit. 367 (type *moneta*).
- 4 **moneta** Perú.
Chrysodarecus moneta Breddin l. c.

Cratonotus.

- Distant 1879 A. M. N. H. (5) III. 50 (type *coloratus*).
- 5 **coloratus** N. India; Assam;
Cratonotus coloratus Distant 1879 l. c.; and 1902 Faun. Ind. Burma.
 Rh. I. 174, f. 103.

Bergrothina.

- Schouteden 1904 Mem. Soc. Españ. I. 155 (type *camerunensis*).
- 6 **camerunensis** W. Africa.
Bergrothina camerunensis Schouteden l. c.

Platistus gen. nov.

Platistus H-S. 1853 Wanz. Index 167; Stål 1872 Svensk. Vet. Ak. Handl. 10. no. 4. p. 65 (not described).

This remarkable genus is probably near **Arvelius**, but the description of the type is too meagre to place it with certainty. The chief characteristics are the prolongation and bifurcation of the juga, which also meet medially in front of the tylus, and the spine in front of the eyes; the bucculae are also very peculiar. Type *spiniceps*.

- 7 **spiniceps** Brazil.
Aelia spiniceps H-S. 1840 Wanz. V. 72, Pl. CLXVIII. figs.
 A—E a. 517.

Procleticus.

- Berg 1891 An. S. Cient. Arg. XXXII. 234 (type *corniger*).
- 8 **corniger** Argentine.
Procleticus corniger Berg op. cit. 235.

Lobepomis.

- Berg 1891 op. cit. 236 (type *peltifera*).
- 9 **peltifera** Uruguay; Argentine.
Lobepomis peltifera Berg 1891 op. cit. 237.

Crollius.

Distant 1901 A. M. N. H. (7) VII. 21 (type *conspersus*).0 *conspersus*

Br. E. Africa; Natal.

Podops conspersus Walker 1867 Cat. Het. I. 71.*Crollius* do. Distant 1901 l. c.

- 1 *Aelia atricornis* [Westwood] 1837 Cat. Hope I. 32; Distant 1900 P. Z. S. London 818; Pl. 53. f. 8. "Australia".
- 2 *A. fuliginosa* Klug 1845 Symb. Phys. V., Pl. 43. Abyssinia.
- 3 *Arma prasina* Tryon 1892 Ann. Queensl. Mus. II. 15 (sec. Schouteden). Papua.
- 4 *Arvelius mormideoides* Walker 1868 Cat. Het. III. 573. Brazil.
- 5 *Atelocera madagascariensis* G. Fallou 1889 Le Naturaliste (2) X. 20; Bergröth 1892 Rev. Ent. XI. 263. Madagascar.
- 6 *Cimex* ? *avenicola* Gistel 1857 Vacuna 569¹). Germany.
- 7 *C. clypeatus* Linneus 1767 Syst. Nat. (Ed. XII) 720. "China".
- 8 *C. conspersus* Germar 1837 Silb. Rev. Ent. V. 173. Cape Colony.
- 9 *C. laetus* Fabricius 1803 Syst. Rh. 174. Java.
- 10 *C. nigripinus* Fabricius 1787 Mant. Ins. II. 284. "China".
- 11 *C. pungens* Germar 1837 op. cit. 171. Cape Colony.
- 12 *C. repandus* Fabricius 1803 Syst. Rh. 178. Java.
- 13 *C. ruficornis* Fabricius 1775 Syst. Ent. 713. "India".
- 14 *C. rugiventris* Germar 1837 op. cit. 166. Cape Colony.
- 15 *C. ? scansor* Gistel 1857 Vacuna 578²). Germany.
- 16 *C. ? umbralis* Gistel 1857 op. cit. 586³). Germany.
- 17 *C. velox* Fabricius 1775 op. cit. 707. "America".
- 18 *Cuspicona auricornis* Walker 1867 Cat. Het. II. 387. Queensland.
- 19 *C. intacta* Walker 1868 op. cit. III. 571. "Australia".
- 20 *C. rufolinea* Walker 1867 op. cit. II. 390. Queensland.
- 21 *Diceraeus piceus* Walker 1868 op. cit. III. 550. "Hindustan".
- 22 *Ebora ? patula* Walker 1867 op. cit. II. 417. Queensland.
- 23 *E. ? plana* Walker 1867 op. cit. 416. Ecuador.
- 24 *Edessa ulceroza* Germar 1837 op. cit. 180. Cape Colony.
- 25 *Eysarcoris alienus* Walker 1867 op. cit. 275; Distant 1900 A. M. N. H. (7) V. 435. Brazil.
- 26 *Halys dentipes* [Westwood] 1837 op. cit. 24. Cape Colony.
- 27 *Jalla flavomaculata* Blanchard 1852 Gay's Chile, Zool. VII. 121, Hem. Pl. 2. f. 3; Signoret 1864 A. S. E. France (4) III. 544. Chili.
- 28 *Mormidea hoplites* Vollenhoven 1863 Versl. Ak. Amst. Nat. (2) II. 181. Timor.
- 29 *M. nigriceps* Walker 1868 Cat. Het. III. 554. India.
- 30 *M. ? pedestris* Walker 1867 op. cit. II. 261. Sierra Leone.
- 31 *M. terminalis* Schaum 1853 Ber. Ak. Berlin 357; and Peters' Reise Moss., Ins. 38. Mozambique.
- 32 *Mormydea basicornis* Motschulsky 1866 Bull. S. N. Moscou. Japan.

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¹) "C. thorace subspinoso, subtus aeneofusca, supra obscure aeneo-caerulescens; abdominis margine variegato, annulo tibiarum albo."

²) "C. thorace brevissimo spinoso, fusco-virescens, antennis totis nigris, membrana late fusco-maculata, abdominis margine albo-nigroque-variegato; sterno carinato."

³) "C. rubro-varius, pectore abdominisque medio nigris, punctis lateralibus et marginalibus distinctis, thoracis sex confluentibus nigris."

- 43 *Pentatoma crienta* Palisot 1805 Ins. Afr. Amér. 148, Hém. Hispaniola.
Pl. 10. f. 4.
- 44 *P. harrisi* [Westwood] 1837 Cat. Hope I. 41; Distant 1900 U. S. (Georgia).
P. Zool. S. London 818, Pl. 53. f. 2.
- 45 *P. lateralis* [Westwood] 1837 op. cit. 43; Distant 1900 l. c. India.
Pl. 53. f. 9.
- 46 *P. latifrons* Walker 1868 op. cit. III. 561. Queensland.
- 47 *P. maculifer* Tryon 1892 Ann. Queensland Mus. II. 16. Papua.
- 48 *P. nigripes* [Westwood] 1837 op. cit. 41. "Australia".
- 48 *P. ? picea* Dallas 1851 List 236. N. America.
- 50 † *P. pilosus* Reed 1899 Rev. Chilena II. 132. Chili.
- 51 *P. prasina* Tryon 1892 l. c. Papua.
- 52 *Phymatocoris ? chilensis* Signoret 1863 A. S. E. France (4) Chili.
III. 542, Pl. 12. f. 10.
- 53 *Rhaphigaster disjunctus* Uhler 1860 P. Ac. Philad. 224. China. (Hongkong).
- 54 *R. megalops* Vollenhoven 1868 op. cit. 187. Papua.
- 55 *R. nigropunctatus* Fairmaire 1858 Thoms. Arch. Ent. II. 288. Kongo.
- 56 *R. obliquus* Walker 1867 op. cit. II. 372. S. Australia.
- 57 *R. patulus* Walker 1867 op. cit. 366. N. India.
- 58 *R. quinque maculatus* Walker 1868 op. cit. III. 567. Taiwan [= Formosa]
- 59 *R. venustus* Walker 1867 op. cit. II. 372. Queensland.
- 60 *R. viridipes* Walker 1867 op. cit. 370. Queensland.
- 61 || *Strachia angularis* Walker 1867 op. cit. 315. N. America.
- 62 *S. humeralis* Walker 1868 op. cit. III. 562. Queensland.
- 63 *S. postica* Walker 1868 l. c. Brazil.

Fossil species of uncertain position.

(N. B. The following 9 genera very probably should be placed near *Euschistus* in the Pentatomini).

Teleoschistus.

- Scudder 1890 Rep. U. S. Geol. Surv. XIII. 453 a. 454 (type *antiquus*).
- 64 **antiquus**
Euschistus antiquus Scudder 1878 Rep. Progr. Geol. Surv.
Canada 1876-77, p. 459.
- Teleoschistus do.* Scudder 1890 Rep. U. S. Geol. Surv. XIII.
454. Pl. 2. f. 17-19.
- Oligocene (?) of British Columbia.
- 65 **placatus**
Teleoschistus placatus Scudder 1890 op. cit. 454 a. 457. Pl. 28. f. 3.
Oligocene of Colorado.
- 66 **rigoratus**
Teleoschistus rigoratus Scudder 1890 op. cit. 454 a. 456. Pl. 28. f. 14.
Same as no. 65.

Thnetoschistus.

- Scudder 1890 op. cit. 453 a. 457 (type *revulsus*).
- 67 **revulsus**
Thnetoschistus revulsus Scudder 458. Pl. 28. f. 6.
Same as last.

Poteschistus.

- Scudder 1890 op. cit. 453 a. 453 (type *obnubilus*).
- 68 **obnubilus**
Poteschistus obnubilus Scudder 458. Pl. 28. f. 18.
Same as last.

Cacoschistus.

Scudder 1890 op. cit. 453 a. 459 (type *maceriatus*).

69 **maceriatus**

Cacoschistus maceriatus Scudder 459. Pl. 28. f. 2.

Same as last.

Mataeoschistus.

Scudder 1890 op. cit. 453 a. 459 (type *limigenus*).

70 **limigenus**

Mataeoschistus limigenus Scudder 460.

Same as last.

Polioschistus.

Scudder 1890 op. cit. 453 a. 460 (type *ligatus*).

71 **lapidarius**

Polioschistus ^u*lapidaris* Scudder 460 a. 461. Pl. 23. f. 10.

Same as last.

72 **ligatus**

Polioschistus ligatus Scudder l. c. Pl. 28. f. 7.

Same as last.

Pentatomites.

Scudder 1890 op. cit. 453 a. 461 (type *foliarum*).

73 **foliarum**

Pentatomites foliarum Scudder 462. Pl. 28. f. 1.

Same as last.

Tiroschistus.

Scudder 1890 op. cit. 453 a. 462 (type *indurescens*).

74 **indurescens**

Tiroschistus indurescens Scudder 463. Pl. 22. f. 4.

Same as last.

Thlimmoschistus.

Scudder 1890 op. cit. 453 a. 463 (type *gravidatus*).

75 **gravidatus**

Thlimmoschistus gravidatus Scudder 463. Pl. 28. f. 11 a. 19.

Same as last.

* * *

76 **Acanthosoma livida** Heer 1853 Ins. Tert. Oen. III. 41, Pl. 3.

f. 6; Pl. 8. f. 3.

Mayencian of Kroatia. [Miocene].

77 **A. maculata** Heer 42, Pl. 3. f. 7; Pl. 8. f. 5. Scudder 1891

Bull. U. S. Geol. Surv. 71. p. 383.

Same as no. 76.

78 **A. morloti** Heer 39, Pl. 3. f. 5; Pl. 8. f. 4.

Same as no. 76.

79 **Eurydema arcuata** Heer 36, Pl. 2. f. 15; Pl. 7. f. 9.

Tortonian of Baden. [Miocene].

80 **E. brevicollis** Heer 36, Pl. 2. f. 17; Pl. 7. f. 10.

Same as no. 79.

81 **E. effossa** Heer 37, Pl. 2. f. 16; Pl. 7. f. 11.

Same as no. 79.

82 **E. impudica** Heer 35 a. 127, Pl. 3. f. 1; Pl. 7. f. 8 and

Pl. 14. f. 21.

Same as no. 79.

- 83 *Eusarcoris pinguis* Heer 38, Pl. 3. f. 4; Pl. 8. f. 2.
Same as no. 79.
- 84 *E. prodromus* Heer 37, Pl. 3. f. 3; Pl. 8. f. 1.
Same as no. 79.
- 85 *Halys bruckmanni* Heer 32, Pl. 3. f. 2; Pl. 7. f. 7.
Same as no. 79.
- 86 *H. spectabilis* Heer 1865 Urwelt Schweiz f. 299; Scudder
1891 op. cit. 409.
Same as no. 79.
- 87 *Pentatoma griseola* new name. *(not Linne')*
2ae p 365 *P. grisea* Serres 1829 Géogn. terrains tert. 271 (and 227),
Pl. 4. f. 5 a. 6.
Ligurian of France [Oligocene].
- 88 *Eurydema oleraceoides* new name.
Pentatoma sp. Serres op. cit. 227.
Same as no. 87.
- 89 *P. antiquum* Heer 26, Pl. 2. f. 7 and Pl. 7. f. 1.
Tortonian of Baden.
- 90 *P. appendiculatum* Heer 29, Pl. 2. f. 11 and Pl. 7. f. 4.
Same as last.
- 91 *P. böttgeri* Heyd. 1865 Palaeontogr. XIV. 34, Pl. 9. f. 22;
Breddin 1901 Ber. Senck. Nat. Ges. Frankfurt 115,
f. 2.
Miocene of Germany.
- 92 *P. boreale* Heer 1868 Flora foss. arct. I. 130, Pl. 19. f. 15.
Miocene of Greenland.
- 93 *P. künkelini* Breddin 1901 op. cit. 113, f. 1.
Miocene of Germany.
- 94 *P. lividum* Heer 1853 Ins. Tert. Oen. III. 30, Pl. 2. f. 13
and Pl. 7. f. 6.
Mayencian of Croatia. [Miocene].
- 95 *P. longiceps* Heer 29, Pl. 2. f. 12; Pl. 7. f. 5.
Tortonian of Baden. [Miocene].
- 96 *P. morloti* Heer 28, Pl. 2. f. 10 and Pl. 7. f. 3.
Mayencian of Croatia. [Miocene].
- 97 || *P. obsoletum* Heer 1853 Mt. Nat. Ges. Zürich III. 191.
= *Aelia obsoleta* Heer 1853 Ins. Tert. Oen. III. 32, Pl. 2. f. 9.
Tortonian of Baden. [Miocene].
- 98 *P. picturata* new name.
= || *P. pictum* Heer 1865 Urwelt Schweiz, f. 309; Scudder
1891 op. cit. 433.
Same as last.
- 99 *P. schaurothi* Giebel 1862 Z. Ges. Naturw. XX. 313.
Ligurian (amber) of Germany. [Oligocene].
- 100 *P. stigmatum* Heer 1853 Ins. Tert. Oen. III. 31, Pl. 2. f. 14.
Same as no. 97.
- 101 *P. vetustum* Heer 27, Pl. 2. f. 8; and Pl. 7. f. 2.
Same as last.

Subfamily 3.
Phyllocephalinae.

Dallas 1851 List 351 (table of 9 genera).

Stål 1865 Hem. Afr. I. 234—35 (table of 8 genera).

Stål 1876 Svensk. Vet. Ak. Handl. 14. no. 4. pp. 117—18 (table of 12 genera).

Distant 1902 Faun. Ind. Rh. I. 290—302 (account of 11 Indo-Sinhalese genera, with table).

Genera	Australia	Oriental		Ethiopian		Palae-arctic	Total
		Indo Malayan	Indo China	Africa	Mada-gascar		
Cressona	—	—	1	—	—	—	1
Melampodius	—	—	—	1	—	—	1
Lobopeltista	—	—	—	1	—	—	1
Storthe-gaster	—	—	—	2	—	—	2
Metonymia	—	1	2	16	—	—	19
Dalsira	3	—	—	16	—	—	19
Mercatus	—	—	1	—	—	—	1
Sandehana	—	—	—	1	—	—	1
Schismatops	—	—	—	1	—	—	1
Schyzops	—	—	1	—	—	1	2
Salvianus	—	—	2	—	—	—	2
Gonopsis	—	1	4	7	1	—	13
Dichelorhinus	—	—	—	4	—	—	4
Kaffraria	—	—	—	2	—	—	2
Phyllocephala	—	—	—	5	—	—	5
Roebournea	1	—	—	—	—	—	1
Diplorhinus	—	1	2	—	—	—	3
Randolotus	—	—	1	—	—	—	1
Macrina	—	—	—	2	—	—	2
Tetroda	—	2	5	—	—	—	7
Gellia	—	—	1	5	—	—	6
Frisimelica	—	—	—	1	—	—	1
Megarrhamphus	—	1	5	—	—	—	6
	4	6	25	64	1	1	101

Summary: Australia 4; Oriental 31; Ethiopian 65; Palearctic 1.

Cressona.

Dallas 1851 List 351 a. 358; Stål 1876 Svensk. Vet. Ak. Handl. 14. no. 4. p. 117 (type *valida*).

1 valida

Cressona valida Dallas 1851 op. cit. 358, Pl. XI. f. 3; Distant 1902 Faun. Ind. Rh. I. 291, f. 183.

N. India; Burma;
Siam.

Melampodius.Distant 1900 P. Zool. S. London 817 (type *cervicornis*).**1 cervicornis**

Sierra Leone.

Atelocerus cervicornis [Westwood] 1837 Cat. Hope I. 21.*Melampodius* do. Distant l. c., Pl. LIII. f. 10.**Lobopeltista.**|| *Lobopelta* Schouteden 1904 A. S. E. Belg. XLVIII. 142.*Lobopeltista* Schouteden 1905 Wien. E. Z. XXIV. 55 (type *funebis*).**1 funebis**

Kongo.

Lobopelta funebis Schouteden 1904 A. S. E. Belg. XLVIII. 143.**Storthogaster.**Karsch 1892 Berlin. E. Z. XXXVII. 483 (type *hieroglyphica*).**1 hieroglyphica**

Kamerun.

Storthogaster hieroglyphicus Karsch 1892 op. cit. 484, fig. 2.**2 junodi**Portuguese East
Africa.*Storthogaster junodi* Distant 1898 A. M. N. H. (7) II. 134.var. *rikatensis* Schouteden 1905 Wien. E. Z. XXIV. 55.**Metonymia new name¹⁾***Dalsira* Stål 1876 Svensk. Vet. Ak. Handl. 14. no. 4. pp. 118 a. 119 (not Am. et Serv.) (type *affinis*).**1 albopunctulata**

French Kongo.

Dalsira albopunctulata Bergroth 1894 A. S. E. Belg. XXXVIII. 535.var. *pallida* Schouteden 1905 l. c.**2 affinis**Cape Colony; Trans-
vaal.*Dalsira affinis* Am. et Serv. 1843 Hém. 176.*Phyllocephala fasciata* Stål 1853 O. V. A. F. X. 224; and 1864 Hem. Afr. I. 236.**3 alata**

Transvaal.

Dalsira alata Distant 1898 A. M. N. H. (7) II. 302.**4 asperata**

Matabeleland.

Dalsira asperata Distant 1889 in Oates' Matabele Land (Ed. 2) 387.**5 bigemmis**

Sumatra.

Dalsira bigemmis Bergroth 1891 Rev. Ent. X. 212.**6 brunni**

Kamerun.

Dalsira brunni Schouteden 1904 A. S. E. Belg. XLVIII. 142.**7 crassa**Mashonaland; Trans-
vaal.*Dalsira crassa* Distant 1899 A. M. N. H. (7) II. 303.**8 foveata**Cape Colony; Trans-
vaal.

— — Stoll Pun. f. 110.

Phyllocephala foveata Dallas 1851 List 352; Stål 1864 Hem. Afr. I. 236.**9 gelei**

Kongo.

Schismatops gelei Distant 1890 C. R. S. E. Belg. XXXIV. p. LX.*Dalsira* do. Schouteden 1905 Wien. E. Z. XXIV. 55.**10 glandulosa**India; Burma; Cey-
lon; China (Shan-
ghai a. Hainan Isl.).*Edessa glandulosa* Wolff 1811 Icon. Cim. V. 172, f. 170.*Dalsira* do. Distant 1902 Faun. Ind. Rh. I. 292, f. 184.¹⁾ Stål's div. *a a.* (type *glandulosa*) should form a new subgen. **Chalcopis**.

- 11 **humeralis**
Phyllocephala humeralis Walker 1868 Cat. Het. III. 490. W. Africa.
- 12 **icterica**
Schizops icterica Gerstäcker 1892 Jb. Hamb. Wiss. Anst. IX. (2). Portug. E. Africa.
- 13 **lentiginosa**
Phyllocephala lentiginosa Stål 1853 O. V. A. F. X. 224; and Cape Colony; Trans-
1864 Hem. Afr. I. 237. vaal.
- 14 **maura**
Dalsira maura Distant 1898 A. M. N. H. (7) II. 303. Transvaal.
- 15 **modesta**
Edessa modesta Fabricius 1803 Syst. Rh. 154. French Kongo; "Gui-
Pentatoma angularis [Westwood] 1837 Cat. Hope I. 44. nea"; Senegal.
Phyllocephala antica Dallas 1851 List 355.
Dalsira affinis Stål 1864 A. S. E. France (4) IV. 55 (not Am.
et Serv.).
Phyllocephala modesta Stål 1868 Svensk. Vet. Ak. Handl.
7. no. 11. p. 41.
- 16 **porosa**
Phyllocephala porosa Stål 1853 O. V. A. F. X. 224; and 1864 Cape Colony.
Hem. Afr. I. 237.
- 17 **scabrata**
Dalsira scabrata Distant 1901 T. E. S. London 113; and Burma.
1902 Faun. Ind. Rh. I. 292.
- 18 **striata**
Phyllocephala striata Signoret 1851 Rev. Mag. Zool. III. 446, French Kongo; Kame-
Pl. 12. f. 5. run; "Guinea".
Schizops do. Stål 1864 op. cit. 240.
- 19 **vicina**
Phyllocephala vicina Signoret 1851 l. c. French Kongo; "Gui-
Schizops do. Stål 1864 l. c. nea".
Phyllocephala funesta Walker 1868 Cat. Het. III. 490.

Dalsira.

Dalsira Amyot et Serville 1843 Hém. 175 (type *marginata*).
Basicryptus H-S. 1844 Wanz. VII. 81; Stål 1876 Svensk. Vet. Ak. Handl. 14.
no. 4. p. 119 (type *costalis*).

- 1 **albidicosta**
Phyllocephala albidicosta Walker 1868 Cat. Het. 491. South Africa.
- 2 **antennata**
Basicryptus antennatus Distant 1892 Ent. Mo. Mag. (2) III. 239. Mashonaland; Nyas-
saland.
- 3 **bohndorffi**
Basicryptus bohndorffi Distant 1890 C. R. S. E. Belg. XXXIV. Niam Niam.
p. LVIII.
- 4 **costalis**
Edessa costalis Germar 1837 Silb. Rev. Ent. V. 159. Cape Colony; Trans-
Basicryptus do. H-S. 1844 op. cit. 82, f. 749. vaal.
Phyllocephala do. Stål 1864 Hem. Afr. I. 238.
- 5 **distincta**
Phyllocephala distincta Signoret 1851 Rev. Mag. Zool. III. French Kongo; Kume-
446; Stål 1864 Hem. Afr. I. 238. run; Calabar; "Gui-
P. impressa Walker 1868 op. cit. 489. nea".
- 6 **diversa**
Basicryptus diversus Distant 1900 A. M. N. (7) VI. 223. W. Australia.
- 7 **elongata**
Basicryptus elongatus Distant 1892 Ent. Mo. Mag. (2) III. 239. Transvaal.

- 8 **frenchi** *Basicryptus frenchi* Bergroth 1895 P. Roy. S. Victoria VII. 289. Queensland.
- 9 **gibbosa** *Phyllocephala gibbosa* Dallas 1851 List 354; Stål 1864 op. cit. 239. Cape Colony; Transvaal.
Basicryptus russatus Stål 1853 O. V. A. F. X. 224.
B. caenosus Stål 1853 op. cit. 225.
- 10 **irrorata** *Phyllocephala irrorata* [Westwood] 1837 Cat. Hope I. 27. Sierra Leone.
Basicryptus irroratus Distant 1900 P. Zool. S. London 817, Pl. LIII. f. 6.
- 11 **marginata** *Dalsira marginata* Amyot et Serville 1843 Hém. 176. [Philippines ?]
Basicryptus marginatus Stål 1876 Svensk. Vet. Ak. Handl. 14. no. 4. p. 120.
- 12 **negus** *Basicryptus negus* Distant 1900 A. M. N. H. (7) VI. 224. S. Arabia; Abyssinia.
- 13 **nigromaculata** *Basicryptus nigromaculatus* Schouteden 1904 A. S. E. Belg. XLVIII. 141. German E. Africa.
- 14 **notata** *Phyllocephala notata* Dallas 1851 List 353. Gambia.
- 15 **plicata** *Phyllocephala plicata* Reiche et Fairmaire 1847 in Ferret et Gal., Voy. Abyss. Ins. 447, Pl. 29. f. 2. Abyssinia; Somali-land.
- 16 **projecta** *Basicryptus projectus* Distant 1898 op. cit. II. 303. Transvaal.
- 17 **rugicollis** *Pentatoma rugicollis* [Westwood] 1837 Hope Cat. I. 44. N. and E. Australia.
P. interrupta [Westwood] l. c.
- 18, **servilis** nom. nov. "Guinea".
 || *Cimex rugosus* Fabricius 1803 Syst. Rhyng. 158.
Phyllocephala rugosa Stål 1868 Svensk. Vet. Ak. Handl. 7. no. 11. p. 40.
- 19 **strigosa** *Aelia strigosa* Burmeister 1835 Handb. Ent. II. 357. Cape Colony.
- 20 **subtruncata** *Phyllocephala subtruncata* Walker 1868 op. cit. 491. E. Africa.

Mercatus.

- Distant 1902 Faun. Ind. Rh. I. 290 a. 294 (type *illuminatus*).
 1 **illuminatus** *Basicryptus illuminatus* Distant 1887 T. E. S. London 358. N. India.
Mercatus do. Distant 1902 Faun. Ind. Rh. I. 294, f. 186.

Sandehana.

- Distant 1890 C. R. S. Belg. XXXIV. p. LIX (type *labiosa*).
 1 **labiosa** *Sandehana labiosa* Distant l. c. Niam Niam.

Schismatops.

- Dallas 1851 List 351 a. 359 (type *obscurus*).
 1 **obscura** *Schismatops obscurus* Dallas 1851 op. cit. 359, Pl. 11. f. 4. W. Africa.

Schyzops.*Schyzops* Spinola 1837 Essai 297 (type *aegyptiaca*).*Schizops* Amyot et Serville 1843 Hém. 176; Fieber 1861 Eur. Hém. 340; Stål 1864 Hém. Afr. I. 239.**1 aegyptiaca***Pentatoma aegyptiaca* Lefebvre 1831 Guérin's Mag. Zool. I. no. 20.*Phyllocephala do.* H-S. 1844 Wanz. VII. 69, f. 739.*Schizops do.* Fieber 1861 Eur. Hém. 341; Stål 1864 Hém. Afr. I. 240.

Turkey; Egypt; Nubia. [Ceylon in error.]

2 insignis*Schismatops insignis* Walker 1868 Cat. Het. III. 495.*Schizops do.* Distant 1902 Faun. Ind. Rh. I. 293, f. 185.

Burma.

Salvianus.Distant 1902 Faun. Ind. Rh. I. 290 a. 294 (type *lunatus*).**1 dilatatus***Macrina dilatata* Distant 1879 A. M. N. H. (5) III. 52; Waterhouse 1881 Aid, Pl. VI a. VII.*Salvianus dilatatus* Distant 1902 Faun. Ind. Rh. I. 295.

Assam.

2 lunatus*Gonopsis lunata* Distant 1901 T. E. S. London 113.*Salvianus lunatus* Distant 1902 Faun. Ind. Rh. I. 295, f. 187.

Assam; Burma.

Gonopsis.*Gonopsis* Amyot et Serville 1843 Hém. 180; Stål 1876 Svensk. Vet. Ak. Handl. 14. no. 4. p. 121 (type *denticulata*).*Bessida* Walker 1868 Cat. Het. III. 577 (type *scutellaris*).**1 ? affinis 382***Dichelops affinis* Uhler 1860 P. Ac. Nat. Sci. Philad. 224.*Macrina vacillans* Walker 1867 op. cit. 497.Japan; China. *Lia Kia*.**2 angularis***Macrina angularis* Dallas 1851 List 360.

Cape Colony.

3 bantu*Gonopsis bantu* Distant 1900 A. M. N. H. (7) VI. 224.

British East Africa.

4 coccinea*Macrina coccinea* Walker 1868 op. cit. 497.*Bessida scutellaris* Walker 1868 op. cit. 578.*Gonopsis coccinea* Distant 1902 Faun. Ind. Rh. I. 296, f. 188.

North India; Assam; Burma; Tenasserim; Penang.

5 denticulata*Gonopsis denticulata* Amyot et Serville 1843 Hém. 180.*Schizops do.* Stål 1864 Hém. Afr. I. 241.

Senegal.

6 diversa*Megarhynchus diversus* Walker 1868 op. cit. 498.*Gonopsis diversa* Distant 1902 l. c.

India.

7 hottentotta*Macrina hottentotta* Stål 1853 O. V. A. F. X. 225.*Schizops do.* Stål 1864 Hém. Afr. I. 241.*Gonopsis hottentotta* Leth. et Sev. Cat. I. 243 (laps. cal.).

Cape Colony; Natal.

8 lydenburgi*Gonopsis lydenburgi* Distant 1898 A. M. N. H. (7) II. 304.

Transvaal.

9 ? maura*Gonopsis maura* Distant 1890 C. R. S. E. Belg. XXXIV. p. LX.

Niam Niam.

- 10 **pallesceus** South India (Mysore).
Gonopsis pallescens Distant 1902 Faun. Ind. Rh. I. 297.
- 11 **recurva** E. C. Africa (Tanganyika). (? Somali-land.)
Gonopsis recurva Distant 1903 A. M. N. H. (7) XII. 471.
- 12 **rubescens** North India.
Gonopsis rubescens Distant 1887 T. E. S. London 359; and 1902 Faun. Ind. Rh. I. 296.
- 13 **setadjemdei** Sumatra.
Gonopsis setadjemdei Ellenrieder 1862 Nat. Tijdschr. Ned. Ind., XXIV. 173; Pl. V. f. 32; Vollenhoven 1868 Faune ent. indo-néerl. III. 44.
 Foodplant: *Oryza sativa*.

Kaffraria gen. nov.

- Gonopsis (a. a.)* Stål 1876 Svensk. Vet. Ak. Handl. 14. no. 4. p. 121 (type *natalensis*).
- 1 **mantis** Cape Colony; Transvaal; Bechuana-land.
Macrina mantis Stål 1853 O. V. A. F. X. 225.
Schizops do. Stål 1864 Hem. Afr. I. 242.
Dichelorhinus indicator Walker 1868 Cat. Het. III. 499.
- 2 **natalensis** Cape Colony; Transvaal; Natal.
Phyllocephala natalensis Stål 1853 O. V. A. F. X. 224.
Schizops do. Stål 1864 Hem. Afr. I. 242.

Dichelorhinus.

- Stål 1853 O. V. A. F. X. 226; and 1864 Hem. Afr. I. 246 (type *histricus*).
- 1 **gambiensis** Gambia.
Megarhynchus gambiensis Dallas 1851 List 361.
- 2 **histricus** Cape Colony.
Dichelorhinus histricus Stål 1853 O. V. A. F. X. 226; and Hem. Afr. I. 246.
- 3 **rustenbergi** Transvaal.
Dichelorhinus rustenbergi Distant 1898 A. M. N. H. (7) II. 304.
- 4 **vittatus** Portuguese Guinea.
Megarhynchus vittatus Signoret 1851 A. S. E. France (2) IX. 347, Pl. 10. f. 14.
Dichelorhinus do. Stål 1864 Hem. Afr. I. 247.

Randolotus.

- Distant 1902 Faun. Ind. Rh. I. 290 a. 298 (type *elongatus*).
- 1 **elongatus** N. W. India.
Randolotus elongatus Distant l. c., f. 190.

Phyllocephala.

- Laporte 1832 Essai 55 a. 57; Amyot et Serville 1843 Hém. 175; Stål 1864 Hem. Afr. I. 235 (type *senegalensis*).
- 1 **gunningi** Transvaal.
Phyllocephala gunningi Distant 1898 A. M. N. H. (7) II. 305.
- 2 **senegalensis** Abyssinia; Senegal. [Brazil in error.]
Phyllocephala senegalensis Laporte 1832 Essai 58, Pl. 54. f. 6; Stål 1864 l. c.
P. congesta H-S. 1844 Wanz. VII. 68, f. 741.
- 3 **serrata** Transvaal.
Phyllocephala serrata Distant 1898 l. c.

4 **testacea***Phyllocephala testacea* Distant 1898 op. cit. 306.

Transvaal.

5 **volxemii***Phyllocephala volxemii* Stål 1876 Svensk. Vet. Ak. Handl. 14. no. 4. p. 121.

S. Nigeria.

Roebournea.Schouteden 1906 A. S. E. Belg. L. 144 (type *tumidifrons*).1 **tumidifrons***Phyllocephala tumidifrons* Van Duzee 1905 Bull. Amer. Mus. XXI. 211, Pl. 8. f. 12.

N. W. Australia.

Diplorhinus.Amyot et Serville 1843 Hém. 178 (type *furcatus*).1 **furcatus***Atelocerus* (?) *furcatus* [Westwood] 1837 Cat. Hope I. 20.

Java; Sumatra; N.

Diplorhinus do. Am. et Serv. 1843 l. c., Pl. 3. f. 6 (not Fabr.).China, and S. China
(Honkong).*Phyllocephala distans* H-S. 1844 Wanz. VII. 71, f. 740.*Diplorhinus furcatus* Ellenrieder 1862 Nat. Tijdschr. Ned. Indie XXIV. 172.*Diplorhinus sinensis* Walker 1868 Cat. Het. III. 494.Foodplants: *Oryza sativa*, *Saccharum officinarum*; grasses etc.2 **quadricornis***Diplorhinus quadricornis* Stål 1876 Svensk. Vet. Ak. Handl.

India; Assam; Burma.

14. no. 4. p. 122; Distant 1902 Faun. Ind. Rh. I. 297, f. 189.

Macrina.Amyot et Serville 1843 Hém. 179; Stål 1864 Hem. Afr. I. 244 (type *furcata* = *juvenca*).1 **juvencus***Aelia juvenus* Burmeister 1835 Handb. Ent. II. 358 (= ♂).

Senegal; Kamerun;

Megarhynchus marginellus [Westwood] 1837 Cat. Hope I. 20"Guinea". [Java in
error].

(= ♀).

Aelia caenosa A. White 1842 T. E. S. London III. 91 (= ♂).*Macrina furcata* Amyot et Serville 1843 l. c. (= ♀) (not Fabr.).*M. juvenca* Stål 1864 Hem. Afr. I. 244.*M. scita* Walker 1868 Cat. Het. III. 496.2 **rubens***Macrina rubens* Stål 1853 O. V. A. F. X. 226; and 1864 Hem. Afr. 245.

Cape Colony.

M. affinis Stål 1853 O. V. A. F. X. 226.**Tetroda.**Amyot et Serville 1843 Hém. 177 (type *histeroides*).1 **divaricata***Tetroda divaricata* Dallas 1851 List 356; Distant 1902 Faun. Ind. Rh. I. 300.

North India.

2 **histeroides**

— — Stoll Pun. f. 197.

Acanthia histeroides Fabricius 1798 Ent. Syst. Suppl. 526.*Aelia furcata* Fabricius 1803 Syst. Rhyng. 188.*Phyllocephala* do. H-S. 1844 Wanz. VII. 70, f. 738.*Megarhynchus 4-spinosus* [Westwood] 1837 Hope Cat. I. 19.*Tetroda bilineata* Walker 1868 Cat. Het. III. 494.

India; Burma; Malacca; Sumatra; Java, [Cape Colony and Surinam in error].

3 **transversalis**

N. India.

Megarhynchus transversalis Westwood 1839 Royle's Ill. Bot.

Himal. p. LIV, Pl. X. f. 7.

Tetroda do. Distant 1902 op. cit. 299.subgen. **Tetrodias** nov.= *Tetroda* (b) Distant op. cit. (type *atomaria*).4 **atomaria**

N. India.

Tetroda atomaria Dallas 1851 List 356; Distant 1902 op. cit. 300.5 **obtusa**N. India; Sumatra;
Java.*Tetroda obtusa* Dallas 1851 List 357; Distant 1902 l. c.*T. histeroides* var. *sumatrana* Ellenrieder 1862 op. cit. 171.Foodplants: *Oryza sativa*, grasses etc.**Gellia.**Stål 1864 Hem. Afr. I. 234 a. 243 (type *albivittis*)¹⁾.1 **albivittis**Cape Colony; Trans-
vaal.*Aelia albivittis* Germar 1837 Silb. Rev. Ent. V. 182.*Phyllocephala* do. H-S. 1844 Wanz. VII. 69, f. 737.*Tetroda africana* Dallas 1851 List 358.*T. daemon* Stål 1853 O. V. A. F. X. 225.*Gellia albivittis* Stål 1864 Hem. Afr. I. 243.2 **angulicollis**Cape Colony; Trans-
vaal.*Tetroda angulicollis* Stål 1853 O. V. A. F. X. 225.*Gellia* do. Stål 1864 Hem. Afr. I. 244.3 **dilatata**

Portuguese Guinea.

Phyllocephala dilatata Signoret 1851 A. S. E. France (2) IX.
346, Pl. 10. f. 13.*Gellia* do. Stål 1864 l. c.4 **nigripennis**

India.

Tetroda nigripennis Dallas 1851 List 357.*Gellia* do. Distant 1902 Faun. Ind. Rh. I. 301, f. 192.5 **punctulata**

Old Calabar.

Gellia punctulata Stål 1876 Svensk. Vet. Ak. Handl. 14. no. 4.
p. 123.6 **rugulosa**

Niam Niam.

Gellia rugulosa Distant 1890 C. R. S. E. Belg. XXXIV. p. LX.**Frisimelica.**Distant 1900 A. M. N. H. (7) VI. 225 (type *signatus*).1 **signata**

Gambia; Sierra Leone.

Cimex signatus Fabricius 1775 Syst. Ent. 712.**Megarrhamphus.**|| *Megarhynchus* Laporte 1832 Essai 55 a. 65; Stål 1876 Svensk. Vet. Ak. Handl.
14. no. 4. p. 123.*Megarhynchus* Spinola 1837 Essai 290.*Megarhynchus* Spinola 1850 Mem. Soc. Ital. Modena XXV. 33.*Megarrhamphus* Bergroth 1891 Rev. Ent. X. 214 (type *elongatus* = *rostratus*).2 **fuscus**

China, Ningpo.

Megarhynchus fuscus Vollenhoven 1868 Faune ent. indo-
néerl. III. 44.3 **intermedius**

China, Ningpo.

Megarhynchus intermedium Vollenhoven l. c.¹⁾ Stål div. a a, should form a new subgenus **Leliga** (type *nigripennis*).

4 **limatus**

Megarhynchus limatus H-S. 1850 Wanz. IX. 303, f. 998.

Megarhynchus do. Stål 1876 op. cit. 124; D. Sharp 1890
T. E. S. London 406, Pl. 13. f. 18; Distant 1902 Faun.
Ind. Rh. I. 302.

India; Assam; Burma.

5 **hastatus**

|| *Aelia rostrata* Fabricius 1803 Syst. Rh. 188.

Lygaeus hastatus Fabricius 1803 l. c. 239.

Megarhynchus elongatus Laporte 1832 Essai 65.

M. rostratus H-S. l. c., f. 999; Distant 1902 l. c. f. 193.

M. hastatus Vollenhoven 1868 op. cit. 42.

India; Assam; Burma;
Siam; Tenasserim;
Cochin China; Chi-
na; Philippines; Ma-
lay Pen.; Sumatra;
Java; Lombok.

6 **truncatus**

Megarhynchus truncatus [Westwood] 1837 Hope Cat. I. 20;
Distant 1902 l. c.

M. testaceus Amyot et Serville 1843 Hém. 180.

? *Megarhynchus rostratus* Ellenrieder 1868 op. cit. 172, Pl.
V. f. 31.

? *Megarhynchus truncatus* Koningsberger 1903 Med. 's lands
plant. LXIV. 85, Pl. III. f. 11.

Foodplants: *Saccharum officinarum*; *Oryza sativa*; *Zea mays*.
§ Koningsberger, Teysmannia VIII. 320.

India; Assam; Burma;
China; Malay Pen.;
Java.

Position uncertain.

1 *Edessa transversalis* Germar 1837 Silb. Rev. Ent. V. 160.

Cape Colony.

2 *Phyllocephala sumatrana* Ellenrieder 1862 Nat. Tijdschr. Ned.
Ind. XXIV. 171.

Sumatra.

Foodplants: *Poa*; *Osplismenos* etc.

Subfamily 4. Phloeinae.

This contains four genera only, two (3 spp.) Neotropical, the third (monotypic) from Borneo; and 1, fossil, from Europe.

Phloea.

Phloea Lepeletier et Serville 1825 Enc. Méth. X. 110 (type *cassidoides* = *corticatus*).

Phlaea Stål 1872 Svensk. Vet. Ak. Handl. 10. no. 4. p. 3.

Paracoris Hahn 1834 Wanz. II. 92 (type *paradoxus* = *corticatus*).

Phloeocoris Burmeister 1835 Handb. Ent. II. 371 (new name).

Phlea Spinola 1850 Mem. Soc. Ital. Modena XXV. 30.

§ Perez 1904 C. R. Soc. Biol. Paris LVI. 429 ("mimicry").

1 *corticata*

Cimex corticatus Drury 1773 Ill. Ent. II. 76, Pl. 40. f. 2.

Phloea cassidoides Lep. et Serv. 1825 op. cit. 111; Guérin 1844 (?) Icon. R. Anim. 345, Pl. 55. f. 5.

Paracoris paradoxus Hahn 1834 Wanz. II. 93. f. 178.

Phlaea corticalis Blanchard 1840 Hist. Ins. III. 113, Pl. 3. f. 3.

Phloea corticata Amyot et Serville 1843 Hém. 117, Pl. 5. f. 7; Sharp 1901 Cambr. Nat. Hist. VI. 545, f. 259.

§ Schiødt 1844 Nat. Tidskr. (2) I. 19—22 (n).

§ Breddin 1896 Zeitschr. Naturw. LIV. 21 (protective resemblance).

Brazil. [?Chile; Argentine Rep.]

2 *subquadrata*

Phloea (!) *subquadrata* Spinola 1837 l. c.

Brazil.

Phloeophana.

Kirkaldy 1908 Entom. XLI. 123 (type *longirostris*). = *paradoxa* (Bw)

1 *longirostris*

Phloea longirostris Spinola 1837 Essai 276.

P. paradoxa Amyot et Serville 1843 Hém. 118, Pl. 5. f. 8. (not Hahn).

Brazil. *inde co.*

Serbana.

Distant 1906 A. S. E. Belg. L. 405 (type *borneensis*).

1 *borneensis*

Serbana borneensis Distant l. c.

Borneo.

Palaeophloea n. g.

This is represented only by a fragment, and can, at present, be separated from *Phlaea* only by the elongate head (type *monstrosa*).

1 *monstrosa*

Phloeocoris monstrosus Heer 1853 Ins. Tertiär. Oening. III. 25, Pl. 2. f. 6.

Mayencian of Croatia (Miocene).

Subfamily 5. Dinidorinae.

Stål 1870 Svensk. Vet. Handl. 9. no. 1. pp. 79—89 (no table).

Stål 1867 O. V. A. F. XXIV. 522 (table of 4 genera).

Distant 1902 Faun. Ind. Rh. I. 279—89 (account of 5 Indo-Sinhalese genera, with table).

The distribution of this subfamily is overwhelmingly paleogeic, the only American genus being not precinctive. It is equally Ethiopian and Oriental. Its distribution in the Australasian is due almost entirely to *Megymenum* and it is probable that its Celebesian representatives are of Oriental stock. Of the three Palaearctic forms, one is from China, almost on the borderland of the Oriental, while another is actually an Oriental species which has extended to the "debatable lands"; the third is a well known Ethiopian form of wide distribution.

Genera	Australasian		Oriental			Ethiopian		Palaearctic		Neotropical	Total
	Australia	Austro-Malayan	Indo-Malayan	Indo-Chinese	Philippines	Africa	Mascarene	Palaearctic proper	Manchurian		
<i>Dinidor</i>	—	—	—	—	—	1	—	—	—	4	5
<i>Patanocnema</i>	—	—	—	—	—	1	—	—	—	—	1
<i>Cyclopelta</i>	—	1	3	4	2	3	—	—	1	—	8
<i>Aspongopus</i>	—	—	5	10	1	28	5	1	1	—	51
<i>Colpoproctus</i>	—	—	—	—	—	3	—	—	—	—	3
<i>Megymenum</i>	1	6	5	4	1	—	—	—	—	—	17
<i>Byrsodepsus</i>	—	—	1	2	—	—	—	—	—	—	3
<i>Thalma</i>	—	1	—	—	—	—	—	—	—	—	1
<i>Urusa</i>	—	—	1	—	—	—	—	—	—	—	1
<i>Sagriva</i>	—	—	1	1	—	—	—	—	—	—	2
	1	8	16	21	4	36	5	1	2	4	92

Summary: Australasian 9; Oriental 41; Ethiopian 41; Palaearctic 3; Neotropical 4.

Dinidor.

Dinidor Latreille 1829 Règne An. V. 195; Stål 1870 Svensk. Vet. Ak. Handl. 9. no. 1. p. 79 (type *mactans*).

Dictyocoris Mayr 1864 Verh. zool. bot. Ges. Wien XIV. 913 (same type).

Cyclopelta Stål 1867 O. V. A. F. XXIV. 532 (not Am. et Serv.).

Colombia.

1 *impicticollis*

Dinidor impicticollis Stål 1870 Svensk. Vet. Ak. Handl. 9. no. 1. p. 80.

N. Brazil.

2 *mactabilis*

|| *Cimex mactans* Fabricius 1798 Ent. Syst. Suppl. 534.

Dinidor mactabilis Perty 1833 Del. Ins. 168.

D. mutabilis Perty l. c., Pl. 33. f. 12.

Aspongopus mactans H.-Schäffer 1836 Wanz. III. 65, f. 278.

- 3 **rufocinctus** Colombia; Panama.
Dinidor rufocinctus Stål 1870 op. cit. 79; Distant 1881 Biol. C. Amer. Het. I. 103, Pl. X. f. 6.
- 4 **saucius** Brazil.
Dinidor saucius Stål l. c.
- 5 **vicarius** C. Africa.
Dinidor vicarius Horváth 1892 Termész. füzet. XV. 259.

Patanocnema.

Karsch 1892 Ent. Nachr. XVIII. 130 (type *ovata*).

- 1 **ovata** Kamerun.
Patanocnema ovata Karsch 1892 l. c.; and 1894 Stett. E. Z. LIV. 100, Pl. I. f. 9.

Cyclopelta.

- Cyclopelta* Amyot et Serville 1843 Hém. 172; Stål 1870 Svensk. Vet. Ak. Handl. 9. no. 1. p. 80 (type *obscura*).
Pycnamum Spinola 1850 Mem. Soc. Ital. Sci. Modena XXV. 32 (not Am. et Serv.).
Dinidor Stål 1864 Hem. Afr. I. 211 (not Latreille).
- 1 **abdominalis** Tenasserim.
Cyclopelta abdominalis Distant 1902 Faun. Ind. Rh. I. 281.
- 2 **dorsalis** West Africa.
Cyclopelta dorsalis Walker 1868 Cat. Het. III. 478; Distant 1900 A. M. N. H. (7) VI. 220.
- 3 **funnebris** Portuguese Guinea.
Cimex funnebris Fabricius 1775 Syst. Ent. 713.
Dinidor do. Stål 1864 Hem. Afr. I. 212.
- 4 **obscura** India; Burma; Coch
Tessaratomia obscura Lepeletier et Serville 1828 Enc. Méth. X. 592.
Aspongopus alternans [Westw.] 1837 Hope Cat. I. 26 (new name).
A. depressicornis H-S. 1838 Wanz. IV. 85, f. 418.
Cyclopelta obscura Vollenhoven 1868 Faune ent. indo-néerl. III. 37; Stål 1870 Svensk. Vet. Ak. Handl. 9. no. 1. p. 80; Koningsberger 1897 Med. 's lands plant. XX. 20; Distant 1902 Faun. Ind. Rh. I. 280.
var. **brunnescens** Breddin 1899 Beih. Jb. Hamb. Wiss. Anst. XVI. (2) 168. Lombok.
var. (c) **trimaiculata** Vollenhoven 1868 Faune ind. néerl. III. 37, Pl. 4. f. 4.
Foodplant: *Coffea arabica*.
Parasites: *Ceraphron cyclopeltae* (o); *Encyrtus* sp. (o) (Hym.).
- 5 **ornata** Philippines.
Cyclopelta ornata Stål 1871 O. V. A. F. XXVII. 645.
- 6 **parva** Burma; Pal. China
Cyclopelta parva Distant 1900 A. M. N. H. (7) VI. 220; and 1902 Faun. Ind. Rh. I. 280. (Kiu Kiang and Shantung).
- 7 **siccifolia** India; Burma; Ceylon; Malacca; Borneo.
Aspongopus siccifolius [Westwood] 1837 Hope Cat. I. 26.
Cyclopelta tartarea Stål 1854 O. V. A. F. XI. 234; and 1870 Svensk. Vet. Ak. Handl. 9. no. 1. p. 80.
Cyclopelta siccifolia Distant 1902 l. c. f. 178.
Foodplant: *Erythrina*.
- 8 **tristis** "Guinea"; Calabar; Uganda.
Dinidor tristis Stål 1864 Hem. Afr. I. 212.

Aspongopus ¹).

Aspongopus Laporte 1832 Essai 55 a. 58; Amyot et Serville 1843 Hém. 173 (type *janus*).

Spongopodium Spinola 1837 Essai 305 (type *obscura*).

Amucosia Spinola 1850 Mem. Soc. Ital. Sci. Modena XXV. 78 (type *delegorguei*).

Aspongobus A. Dohrn 1859 Cat. Hem. 21.

Peltugopus Signoret 1861 A. S. E. France (3) VIII. 936 (type *flavomarginatus*).

1 aeneus

Aspongopus aeneus Walker 1868 Cat. Het. III. 484.

Celebes.

2 affinis

Aspongopus affinis Costa 1847 Bull. S. E. France (2) V. p. XXVII.

Borneo; Java.

A. ochreus Vollenhoven 1868 Faune ind. néerl. III. 38 (not Westw.)

3 angulatus

Aspongopus angulatus Reuter 1882 Oefv. Finsk. Vet. Soc. Förh. XXV. 10.

Ashanti.

4 assamensis

Aspongopus assamensis Distant 1902 Faun. Ind. Rh. I. 285.

Assam.

5 balinus

Aspongopus balinus Karsch 1892 Ent. Nachr. XVIII. 166.

Kamerun.

6 binotatus

Aspongopus binotatus Distant 1900 A. M. N. H. (7) VI. 221.

Nyasaland.

7 brunneus

Cimex brunneus Thunberg 1783 Nov. Ins. Sp. II. 45.

Aspongopus do. Distant 1900 Faun. Ind. Rh. I. 282.

India; Assam; Burma;
"Malay Archipelago".

8 castaneus

Aspongopus castaneus Signoret 1861 A. S. E. France (3) VIII. 937; Stål 1864 Hem. Afr. I. 213.

Madagascar.

9 chinensis

Aspongopus chinensis Dallas 1851 List 349.

China (Shanghai).

10 cruralis

Aspongopus cruralis Distant 1890 C. R. S. E. Belg. XXXIV. p. LVIII.

Niam Niam.

11 cuprifer

Aspongopus cuprifer [Westwood] 1837 Hope Cat. I. 25.

A. sepulchralis Stål 1864 Hem. Afr. I. 214²).

A. solitus Walker 1868 Cat. Het. III. 484.

French Guinea.

12 cuprinus

Aspongopus cuprinus Stål 1870 Svensk. Vet. Ak. Handl. 9. no. 1. p. 82.

Philippines.

13 cyclopeltus

Aspongopus cyclopeltus Distant 1890 l. c.

Niam Niam.

14 distanti

|| *Aspongopus affinis* Distant 1878 Ent. Mo. Mag. XV. 11.

A. distanti Leth. et Sev. 1893 Cat. gén. Hém. I. 237.

Belgian Kongo.

15 divergens

Aspongopus divergens Distant 1878 l. c.

Belgian Kongo.

16 dubitabilis

Aspongopus dubitabilis Fairmaire 1858 Thomson, Arch. Ent. II. 291.

French Kongo.

17 ephippiatus

Aspongopus ephippiatus Schouteden 1902 Wien. Ent. Zeit. XXI. 238.

Kongo.

¹ As I do not understand the subgenera of this, I have arranged all the species under "*Aspongopus*".

² Incorrectly cited as '*sepulchralis*' by several authors.

- 18 **farleyi** North Nyasaland.
Aspongopus farleyi Distant 1878 op. cit. 100.
- 19 **figlinus** Nyasaland.
Aspongopus figlinus Distant 1900 A. M. N. H. (7) VI. 222.
- 20 **flavomarginatus** Madagascar.
Peltagopus flavomarginatus Signoret 1861 A. S. E. France (3) VIII. 936, Pl. 13. f. 7.
Aspongopus do. Stål 1864 Hem. Afr. I. 217.
- 21 **fuscus** India; Assam; Borneo; Java; Sumatra; Nias Isl.; [?Philippines]; Malacca.
Aspongopus fuscus [Westwood] Hope Cat. I. 26; Breddin 1900 Stett. E. Z. LXI. 332; Distant 1902 Faun. Ind. Rh. I. 284.
[? =] *A. fuscus* Stål 1871 O. V. A. F. XXVII. 645.
A. marginalis Dallas 1851 List 350.
- 22 **intermedius** Madagascar.
Aspongopus intermedius Distant 1878 Ent. Mo. Mag. XV. 99.
- 23 **ianus** India; Assam; Burma; Ceylon [S. America in error].
Cimex ianus Fabricius 1775 Syst. Ent. 714.
C. afer Drury 1782 Ill. Nat. Hist. III. 66.
C. surinamensis Gmelin 1789 Syst. Nat. Ed. XIII. 2134.
Aspongopus vicinus [Westwood] 1837 Hope Cat. I. 25.
A. janus H-S. 1844 Wanz. VII. 78, f. 747; Distant 1902 Faun. Ind. Rh. I. 281, f. 179.
- 24 **laboriosus** Angola.
Aspongopus laboriosus Bergroth 1893 J. Sci. Lisboa (2) X. 125.
- 25 **lividus** Uganda; Transvaal; Nyasaland.
Aspongopus lividus Distant 1898 A. M. N. H. (7) II. 315.
- 26 **marginatus** Sumatra; Java.
Aspongopus marginatus A. Costa 1847 B. S. E. France (2) V. p. XXVII; and 1847 Ann. Acc. Asp. Nat. Napoli (2) I. 56¹⁾.
A. mülleri Vollenhoven 1868 Faune indo-néerl. III. 39, Pl. 4. f. 5.
- 27 **modestus** Belgian Kongo.
Aspongopus modestus Distant 1878 Ent. Mo. Mag. XV. 11.
- 28 **mysticus** Angola; Cape Colony; Transvaal.
Aspongopus mysticus Stål 1864 Hem. Afr. I. 218.
- 29 **nepalensis** N. India; Assam; Burma; Tenasserim.
Aspongopus nepalensis [Westwood] 1837 Hope Cat. I. 26; Distant 1902 Faun. Ind. Rh. I. 283.
§ Under stones in dried-up rivers. Eaten, by Assamese, with rice (Waterhouse 1900 Entom. XXXIV. 251; and P. E. S. London p. IX).
- 30 **nigriventris** S. India; Sumatra.
Aspongopus nigriventris [Westwood] 1837 l. c.; Breddin 1900 Stett. E. Z. LXI. 331; Distant 1902 op. cit. 284.
§ Distant l. c.
Foodplant: *Caryota urens*.
- 31 **nigroaeneus** Siam.
Aspongopus nigroaeneus Reuter 1881 Ent. Mo. Mag. XVII. 234.
- 32 **nigroviolaceus** Kongo; Uganda.
Pentatoma nigroviolacea Palisot 1805 Ins. Afr. Amér. 83. Hém. Pl. 7. f. 5.
Aspongopus nigroviolaceus Distant 1878 Ent. Mo. Mag. XV. 10.
- 33 **nossiбеensis** Nossi-Be (island off N. W. coast of Madagascar).
Aspongopus nossibeensis Reuter 1887 Ent. Tidskr. VIII. 89.

¹⁾ I do not know which of these has priority.

- 34 **nubilus**
 — — Stoll Pun. f. 270.
Aspongopus nubilus [Westwood] 1837 op. cit. 25; Stål 1864 Hem. Afr. I. 218.
A. erythrocerus Germar 1837 Silb. Rev. Ent. V. 158.
Amacosia delegorguei Spinola 1850 op. cit. 78.
Aspongopus monachus Stål 1853 O. V. A. F. X. 223.
A. sutor Stål l. c.
- 35 **orientalis** new name
 || *Cimex obscurus* Fabricius 1794 Ent. Syst. IV. 107.
Edessa obscura Wolff 1811 Ic. Cim. 173, f. 171.
Aspongopus obscurus D. Sharp 1890 T. E. S. London 404;
 Distant 1902 Faun. Ind. Rh. I. 283.
- 36 **ochreus**
Aspongopus ochreus [Westwood] 1837 op. cit. 25; Distant 1902 op. cit. 283.
- 37 **patruelis**
Cyclopelta patruelis Stål 1853 O. V. A. F. X. 223.
Aspongopus do. Stål 1864 Hem. Afr. I. 213.
Cyclopelta dotata Walker 1868 Cat. Het. III. 479.
- 38 **prolixus**
Aspongopus prolixus Lethierry 1881 Ann. Mus. Genov. XVI. 284².
- 39 **putoni**
Aspongopus putoni Bolivar 1879 A. S. Españ. N. H. VIII. 139.
- 40 **remipes**
Aspongopus remipes Stål 1853 O. V. A. F. X. 438; and 1864 Hem. Afr. I. 214.
- 41 **reuteri**
Aspongopus reuteri Haglund 1894 O. V. A. F. LI. 407¹⁾.
A. monticola Karsch 1894 Stett. E. Z. LV. 101¹⁾.
- 42 **rotundatus**
Aspongopus rotundatus Signoret 1863 Maillard's Réunion, Annexe II. 26; Stål 1864 Hem. Afr. I. 217.
- 43 **rufomarginatus**
Aspongopus rufomarginatus Carlini 1895 Ann. Mus. Gen. (2) XV. 110.
- 44 **sanguinolentus**
Aspongopus sanguinolentus [Westwood] 1837 op. cit. 26;
 Distant 1902 op. cit. 284.
A. circumcinctus Walker 1868 op. cit. 483.
- 45 **sartor**
Aspongopus sartor Stål 1853 O. V. A. F. X. 223; and 1864 Hem. Afr. I. 219.
- 46 **singhalanus**
Aspongopus singhalanus Distant 1900 A. M. N. H. (7) VI. 222; and 1902 Faun. Ind. Rh. I. 283.
- 47 **spissus**
Aspongopus spissus Distant 1901 A. E. S. Belg. XLV. 31.
- 48 **viduatus**
Cimex viduatus Fabricius 1794 Ent. Syst. IV. 117.
Aspongopus melanopterus H-S. 1844 Wanz. VII. 78, f. 746.
A. viduatus Stål 1864 Hem. Afr. I. 216; Balfour 1904 Rep. Wellcome Lab. I. Pl. B. f. 43.
 var. (a) **unicolor**
Aspongopus unicolor H-S. 1839 op. cit. IV. 93, f. 433.
A. niger Fieber 1861 Eur. Hem. 330.
- Cape Colony; Bechuanaland; Portuguese E. Africa; Transvaal; Mashonaland; Nyassaland.
- India; Assam; Borneo; Java; Lombok.
- India; Assam.
- Cape Colony; Natal; Nyassaland.
- Abyssinia.
- Zanzibar.
- Calabar.
- Kameruns.
- Réunion.
- Gallaland.
- Assam; Burma; Java.
- Cape Colony.
- Ceylon.
- Kongo.
- Turkey; Syria; Nubia; Egypt; Erythrea; Senegal; "Guinea"; Matabeleland; Cape Colony; Transvaal; Sokotra.

1) I do not know which has priority.

var. (b) **japetus**

Aspongopus japetus Distant 1889 Oates' Matabeleland (Ed. II.) 387.

A. assar Kirkaldy 1899 Bull. Liverp. Mus. II. 47; and 1903 in Forbes and Ogilvie-Grant, Nat. Hist. Sokotra 389, Pl. XXIII. f. 10.

Foodplants: Melons; among stones. Nymphs in a cluster on a shrub.

§§ Kirkaldy 1903 op. cit. 390, Pl. XXIII. f. 10 a (n.).

49 **ululatus** new name

|| *Aspongopus unicolor* Dallas 1851 List 349.

50 **xanthopterus**

Aspongopus xanthopterus Fairmaire 1858 Thoms. Arch. Ent. II. 291; Stål 1864 Hem. Afr. I. 214; Distant 1890 C. R. S. E. Belg. XXXIV. p. LVIII.

— ?

French Kongo; Somaliland.

Colpoproctus.

Aspongopus subg. *Colpoproctus* Stål 1870 Svensk. Vet. Ak. Handl. 9. no. 1. p. 81 (type *limbatus*).

1 **femoralis**

Aspongopus femoralis Stål 1864 Hem. Afr. I. 215.

French Guinea.

2 **limbatus**

Aspongopus limbatus Signoret 1851 Rev. Mag. Zool. III. 445, Pl. 12. f. 4; Stål 1864 l. c.

French Kongo; Calabar; Kamerun.

3 **pullus**

Aspongopus pullus Stål 1853 O. V. A. F. X. 223; and 1864 Hem. Afr. I. 215.

Cape Colony; Nyassaland.

Megymenum.

Megymenum Laporte 1832 Essai 51 a. 52; Stål 1870 Svensk. Vet. Ak. Handl. 9. no. 1. p. 86 (type *dentatum*).

Platydius Westwood 1834 Zool. Journ. V. 446 (type *subpurpurascens*).

Megalymenum Burmeister 1835 Handb. Ent. II. 349.

subg. (b) **Pissistes**

Pissistes Stål 1870 op. cit. 88 (type *gracilicorne*).

subg. (c) **Anoplocephala**

Anoplocephala Stål l. c. (type *semivestitum*).

subg. (d) **Pseudaradus**

Pseudaradus Burmeister 1834 Silb. Rev. Ent. II. 19 (type *brevicornis*).

|| *Amaurus* Burmeister 1834 Act. Ac. Leop. Carol. Nat. Cur. XVI. Suppl. 294 (same type).

§ Smith 1873 P. E. S. London p. XIV; Breddin 1896 Zeit. Naturw. LIX. 22 (protective appearance).

1 **affine**

Megymenum affine Boisduval 1835 Faune ent. pacif. II. 633, Pl. 11. f. 12; Montrouzier 1855 Ann. Soc. Agr. Lyon (2) VII. 101; Schouteden 1907 A. S. E. Belg. LI. 113.

M. crenatum Le Guillou 1841 Rev. Zool. IV. 261.

M. montrouzieri Leth. et Sev. 1893 Cat. Hém. I. 239.

Papua; Murua (Woodlark); Murray Isl.; [? N. Australia].

2 **dentatum**

Megymenum dentatum Boisduval 1835 op. cit. 632, Pl. 11. f. 11; Guérin 1838 Voy. Coquille 172, Pl. 12. f. 1; Vollenhoven 1868 Faune ent. indo-néerl. III. 45.

M. instructum Walker 1863 Cat. Het. III. 502.

Papua.

3 **insulare**

Megymenum insulare [Westwood] 1837 Cat. Hope I. 26; Froggatt 1902 Agr. Gaz. N. S. W. XIII. 321, Pl. 2. f. 22.

Melville Isl. (off N. Australia); Queensland; New South Wales.

- 4 **papuense**
Megymenum papuensis Distant 1888 T. E. S. London 480. Papua
- 5 **rectangulatum**
Megymenum rectangulatum Breddin 1901 Abh. Ges. Nat. Halle XXIV. 63, Pl. 1. f. 3. Celebes
- 6 **spinosum**
Amaurus spinosus Burmeister 1834 Nov. Ac. Leop. Carol. XVI. Suppl. 294, Pl. 41. f. 7. Philippines (Luzon); Japan.
- 7 **subpurpurascens**
Platydius subpurpurascens Westwood 1834 Zool. Journ. V. 446, Pl. 22. f. 8. India; Burma; Siam; Cochinchina; Philippines; Borneo; Java; Sumatra; Celebes; Moluccas.
Megymenum cupreum Guérin 1838 op. cit. 172; Am. et Serv. 1843 Hém. 182, Pl. 3. f. 10; Vollenhoven 1868 op. cit. 47, Pl. 4. f. 8.
Amaurus cupreus H-S. 1840 Wanz. V. 61, f. 503 a. f.
Megymenum meratii le Guillou 1841 l. c.
M. subpurpurascens Distant 1902 Faun. Ind. Rh. I. 287.

(b) subgen. *Pissistes*.

- 8 **gracilicorne**
Megymenum gracilicorne Dallas 1851 List 364. China (Hongkong and Shanghai).
- 9 **tauriforme**
Megymenum tauriformis Distant 1883 T. E. S. London 427. Japan.

(c) subgen. *Anoplocephala*.

- 10 **anacanthum**
Megymenum anacanthum Vollenhoven 1868 op. cit. 46, Pl. 4. f. 9. Sumatra.
- 11 **quadratum**
Megymenum quadratum Vollenhoven 1868 op. cit. 46, Pl. 4. f. 7. Morotai.
- 12 **semivestitum**
Megymenum semivestitum Vollenhoven 1868 op. cit. l. c., Pl. 4. f. 6. Ceram; Amboina; Celebes.

(d) subgen. *Pseudaradus*.

- 13 **basale**
Megymenum basale Walker 1868 Cat. Het. III. 502; Breddin 1900 Stett. E. Z. LXI. 332. Sarawak; Sumatra.
- 14 **brevicornis**
Cimex brevicornis Fabricius 1787 Mant. Ins. II. 294. India; Assam; Burma; China, Kwantung; Sumatra; Nicobar Is.
Megymenum brevicorne Distant 1902 Faun. Ind. Rh. I. 286.
- 15 **inermis**
Amaurus inermis H-S. 1840 Wanz. V. 62, Pl. 163. f. G-H. India; Assam; China.
Megymenum inermis Distant 1902 l. c.
- 16 **parallelum**
Megymenum parallelum Vollenhoven 1868 op. cit. 48, Pl. 4. f. 10; Distant 1902 l. c., f. 180. India; Assam; Sumatra; Java; Andaman Is. *S. China*
- 17 **severini**
Megymenum severini Bergroth 1892 A. S. E. Belg. XXXVI. 504, fig.; Distant 1902 op. cit. 287. N. India.

Byrsodepsus.

Stål 1872 Svensk. Vet. Ak. Handl. 10. no. 4. p. 130 (type *coriarius*).

- 1 **coriarius**
Byrsodepsus coriarius Stål 1872 op. cit. 131; Distant 1902 Faun. Ind. Rh. I. 288. N. India.

2 **nigrita**

Byrsodepsus nigritus Distant 1901 T. E. S. London 112; and
1902 Faun. Ind. Rh. I. 288. f. 181.

Burma.

3 **sundanus**

Byrsodepsus sundanus Breddin 1900 Stett. E. Z. LXI. 334.

Sumatra.

Thalma.

Walker 1868 Cat. Het. III. 503 (type *biguttata*).

1 **biguttata**

Thalma biguttata Walker l. c.

Amboina.

Urusa.

Walker 1868 Cat. Het. III. 504 (type *crassa*).

1 **crassa**

Urusa crassa Walker l. c.

Sarawak.

Sagriva.

Sagriva Spinola 1850 Mem. Soc. Ital. Sci. Modena XXV. 33 a. 75 (type *vittata*).

Atelides Dallas 1852 A. M. N. H. (2) X. 360 (type *centrolineatus* = *vittata*).

1 **sumatranus**

Atelides sumatranus Breddin 1904 Wien. E. Z. XXIII. 18.

Sumatra.

2 **vittata**

Sagriva vittata Spinola 1850 op. cit. 77.

Atelides centrolineatus Dallas 1852 op. cit. 361 Pl. Va. fig.

1—5, and 436; Distant 1902 Faun. Ind. Rh. I. 289,
f. 182.

India; Assam.

Uncertain Position.

- 1 *Cyclopelta vilis* Walker 1868 Cat. Het. III. 478; Distant 1900 W. Africa.
A. M. N. H. (7) VI. 221.

Subfamily 6.

Cyrtocorinae.

A monotypic American subfamily.

Cyrtocoris.

Coptosoma subgen. || *Oxynotus* Laporte 1832 Essai Hem. 74; Stål 1872 Svensk. Vet. Ak. Handl. 10. no. 4. p. 3 (type *gibba*).

Cyrtocoris A. White 1842 T. E. S. London III. 89; Distant 1880 Biol. Centr. Amer. Het. I. 43 (new name).

1 **gibbus**

— — Stoll Pun. f. 281.

Tetyra gibba Fabricius 1803 Syst. Rh. 141.

Oxynotus gibba Laporte 1832 op. cit., Pl. 55. f. 6.

O. gibbus Hahn 1836 Wanz. III. 28, f. 250.

Guatemala; Colombia;
Venezuela;
Brazil(RioJaneiro).

2 **horridus**

— — Stoll Pun. f. 279.

Oxynotus horridus Germar 1839 Zeitschr. Ent. I. 45.

O. perfoliatus Costa 1863 Rend. Ac. Napoli II. 193.

French Guiana; N.
Brazil.

3 **laceratus**

Podops laceratus H-S. 1836 Wanz. III. 108, f. 334.

Oxynotus do. Germar 1839 l. c.

Brazil.

4 **monstrosus**

— — Stoll Pun. f. 280.

Oxynotus monstrosus Germar 1839 op. cit. 46.

Cyrtocoris do. Sharp 1901 Cambr. Nat. Hist. VI. f. 260.

Dutch Guiana.

5 **trigonus**

Oxynotus trigonus Germar 1839 op. cit. 44.

Mexico: Colombia;
N. Brazil.

Subfamily 7.

Scutellerinae.

- Schouteden** 1904 Gen. Ins., fasc. 24, pp. 1—98, Pls. I—V (enumeration of species and tabulation of genera). [Addendum 1906 pp. 99—100].
- Stål** 1867 O. V. A. F. XXIV. 491—95 (table of 22 American genera).
- Stål** 1872 O. V. A. F. XXIX. 32—33 (table of 8 European genera).
- Stål** 1865 Hem. Afr. I. 33—35 (table of 26 genera).
- Stål** 1870 Svensk. Vet. Handl. 9. no. 1. pp. 4—20 (account of American forms).
- Stål** 1873 op. cit. 11. no. 2. pp. 3—32 (account of palaeogeic forms; generic tables on pp. 4, 6, 8—10, 26, 28—29).
- Distant** 1902 Faun. Ind. Rh. I. 38—70 (account of Indo-Sinhalese fauna, tables of genera on pp. 39, 42, 65, 68).
- Schiodte** 1842 Nat. Tidskr. IV. 279—312 (revision of Fabricius' species of *Tetyra*).
- Germar** 1839 Zeitschr. Ent. I. 1—146, Pl. 1 (Monograph, including Graphosomini, Coptosominae etc.).
- Mayr** 1866 Novara Exped., Zool. II. (1) pp. 11—32 (table of 54 genera).
- Vollenhoven** 1863 Essai d'une faune entom. indo-néerlandaise I. pp. 1—64, Pls. 1—4 (incl. Coptosominae and Graphosomini).
- Schiodte** 1842 Nat. Tidskr. IV. 334—37 (relates to the patches of hair on the under-side of the abdomen in certain forms).
- Westring** 1853 Götheborgs Vet. Handl. (2) IV. 48—57 (stridulation).
- Handlirsch** 1900 Ann. Hofmus. Wien XV. 131—34 (stridulation).
- Handlirsch** 1900 Verh. zool. bot. Ges. Wien L. 560 (stridulation).
- Bergroth** 1905 P. Z. S. London (II) 146 (stridulation).

Genera	Australasian				Oriental			Ethiopian		Palaearectic		America		Total Species
	Australia	New Zealand	Hawaii	Austro-Malayan	Indo-Malayan	Indochinese	Philippine	Continental	Malayan	Palaearectic	Manchurian	America	Chilian	
Odontotarsini . . .	5	—	—	—	—	4	—	7	—	77	2	8	—	99
Tetyrini . . .	—	—	—	1	1	3	—	10	2	—	—	109	1	123
Scutellerini . . .	13	—	—	50	40	48	12	14	1	—	2	7	—	147
Sphaerocorini . . .	—	—	—	—	1	3	—	4	3	—	—	—	—	10
Elvisurini . . .	7	—	1	9	2	3	—	4	2	2	—	—	—	25
	25	—	1	60	44	61	12	39	8	79	4	124	1	404

Total: Australasian 86; Oriental 117; Ethiopian 47; Palaearectic 83; America 125.

Tribe 1.

Odontotarsini.

About 80% of the known forms are palaearectic, but as they are less brightly coloured, and are probably nocturnal, lying largely concealed by day, it is probable they may be found more plentifully in the other regions. They are however probably little represented in America.

Genera	Australasian				Oriental			Ethiopian		Palaearectic		America		Total Species
	Australia	New Zealand	Hawaii	Austro Malayan	Indo Malayan	Indo Chinese	Philippine	Continental	Malayan	Palaearectic	Manchurian	America	Chilian	
<i>Irochrotus</i> . . .	—	—	—	—	—	2	—	1	—	5	1	—	—	8
<i>Holonotellus</i> . . .	—	—	—	—	—	—	—	—	—	1	—	—	—	1
<i>Odontoscelis</i> . . .	—	—	—	—	—	—	—	—	—	4	—	—	—	4
<i>Morbora</i> . . .	3	—	—	—	—	—	—	—	—	—	—	1	—	3
<i>Vanduzeeina</i> . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	1
<i>Phimodera</i> . . .	—	—	—	—	—	—	—	—	—	17	—	3	—	20
<i>Ptychodera</i> . . .	—	—	—	—	—	—	—	—	—	—	—	1	—	1
<i>Fokkeria</i> . . .	—	—	—	—	—	—	—	—	—	—	—	1	—	1
<i>Alphocoris</i> ✓ . . .	—	—	—	—	—	—	—	4	—	2	—	—	—	5
<i>Ellipsocoris</i> . . .	—	—	—	—	—	—	—	—	—	1	—	—	—	1
<i>Periphima</i> . . .	—	—	—	—	—	—	—	—	—	1	—	—	—	1
<i>Psacasta</i> . . .	—	—	—	—	—	—	—	—	—	12	—	—	—	12
<i>Odontotarsus</i> . . .	—	—	—	—	—	—	—	—	—	15	—	—	—	15
<i>Melanodema</i> . . .	—	—	—	—	—	1	—	—	—	1	—	—	—	2
<i>Promecocoris</i> . . .	—	—	—	—	—	—	—	—	—	3	—	—	—	3
<i>Ceratocranum</i> . . .	—	—	—	—	—	—	—	—	—	1	—	—	—	1
<i>Xerobia</i> . . .	—	—	—	—	—	—	—	2	—	1	—	—	—	3
<i>Polyphyma</i> . . .	—	—	—	—	—	—	—	—	—	2	—	—	—	2
<i>Macrocarenus</i> . . .	2	—	—	—	—	—	—	—	—	—	—	—	—	2
<i>Eurygaster</i> . . .	—	—	—	—	—	1	—	—	—	11	1	2	—	13
	5	—	—	—	—	4	—	7	—	77	2	8	—	99

Total: Australasian 5; Oriental 4; Ethiopian 7; Palaearectic 79; America 8.

Irochrotus.

Irochrotus Amyot et Serville 1843 Hém. 39; Schouteden 1904 Gen. p. 88 (type *maculiventris* = *lanatus*).

Arctocoris Stål 1873 Svensk. Vet. Ak. Handl. 11. no. 2. p. 31; Jakovlev 1884 Hor. Soc. Ross. XVIII. 162 (not Germar).

1 *caspius*

Irochrotus caspius Jakovlev 1875 Bull. S. N. Moscou XLIX, pp. 146 a. 249; Reuter 1900 Oefv. Finsk. Förh. XLII. 209.

Arctocoris do. Jakovlev 1884 Hor. Soc. E. Ross. XVIII. 165.

Foodplant: *Anabasis aphylla*.

S. Russia.

2 *caucasicus*

Irochrotus caucasicus Jakovlev 1875 Bull. S. N. Moscou XLIX. 249; Reuter 1900 l. c.

S. Russia; Syria; Siberia.

3 *excisus*

Irochrotus excisus Reuter 1900 op. cit. 211.

Algeria.

4 *indicus*

Irochrotus indicus Schouteden 1904 A. S. E. Belg. XLVIII. 305; and Gen. p. 89, Pl. 5. f. 9.

India (Bengal).

5 *incisus*

Arctocoris incisus Stål 1873 op. cit. 31; Distant 1902 Faun. Ind. Rh. I. 70, f. 33.

Irochrotus do. Reuter 1900 l. c.

India (Bengal).

6 *lanatus*

Cimex lanatus Pallas 1773 Reise Russ. Reich. 729.

Pachycoris maculiventris Germar 1839 Faun. Ins. Eur. XXI. 20; and Zeitschr. Ent. I. 109.

Italy; Greece; Algeria; S. Russia; Turkestan; Siberia; Manchuria.

- Arctocoris villosus* H-S. 1839 Wanz. V. 39, f. 489 (= ♀).
A. lanatus H-S. l. c., f. 490 (= ♂); Puton 1881 Syn. Hém.
 France II. 6.
Pachycoris hirta A. Costa 1841 A. S. E. France X. 306, Pl.
 VI. f. 10.
Irochrotus lanatus Jakovlev 1875 Bull. S. N. Mosc. XLIX.
 249; and 1880 Тр. Русск. Энт. Общ. XII. 12;
 Reuter 1900 op. cit. 210.

Foodplant: *Elymus caninus*.

7 **mongolicus**

Irochrotus mongolicus Jakovlev 1902 Русск. Энт. Общ. 3р.
 II. 63.

W. Mongolia.

8 **montandoni**

Irochrotus montandoni Schouteden 1903 Rh. Aeth. I. 88,
 textf. 20.

Abyssinia; Senegal.

Holonotellus.

Horváth 1895 Rev. Ent. XIV. 152; Schouteden 1904 Gen. p. 88, textfig. (type
maculicollis).

1 **maculicollis**

Holonotellus maculicollis Horváth 1895 l. c.

N. Persia.

Odontoscelis.

- Odontoscelis* Laporte 1832 Essai 67 a. 74; Fieber 1861 Eur. Hem. 378; Jakovlev
 1884 Hor. S. E. Ross. XVIII. 166; Schouteden 1903 Rh. Aeth. I. 89; and
 1904 Gen. p. 87; Van Duzee 1904 T. Amer. E. S. XXX. 19 (type *fuliginosa*).
Ursocoris Hahn 1834 Wanz. II. 48 (same type).
Odontoscelis Brullé 1835 Ins. IX. 394 (laps. cal.).
Arctocoris Germar 1839 op. cit. 46 (new name).
Odontoscelis Mulsant et Rey 1865 A. S. Linn. Lyon XII. 301 ("emend.").
 (Most of the species are found in sandy places).

1 **dorsalis**

Tetyra dorsalis Fabricius 1803 Syst. Rh. 139.

Europe; Asia minor;
 Turkestan; N. Africa.
 [? Senegal.]

Odontoscelis komaroffii Jakovlev 1880 Тр. Русск. Энт. Общ.
 XII. 14

O. dorsalis Puton 1881 Syn. Hém. France II. 7; Jakovlev 1884
 Hor. S. E. Ross. XVIII. 172; Schouteden 1903 Rh.
 Aeth. I. 90.

O. komaroffii Jakovlev 1882 Bull. S. N. Mosc. LVI. 347
 ("emend.")

var. (b) **lineola**

Odontoscelis lineola Rambur 1840 Faune Andal. II. 107;
 Fieber 1861 op. cit. 379.

var. (c) **plagiata**

Arctocoris plagiatus Germar 1839 op. cit. 48; H-S. 1839 op.
 cit. V. 38, f. 487.

var. (d) **signata**

Odontoscelis signatus Fieber 1861 op. cit. 379.

var. = ?

Odontoscelis dorsalis Kolenati 1856 Bull. S. N. Moscou XXIX.
 498 [as sp. n.].

Turcomannia and Kir-
 ghizia.

2 **fuliginosa**

Cimex fuliginosus Linneus 1761 Faun. Suec. (Ed. II) 246;
 Wolff 1801 Ic. Cim. 50, Pl. V. f. 47.

Ursocoris do. Hahn 1834 Wanz. II. 49, f. 142.

Odontoscelis do. Douglas and Scott 1865 Br. Hem. I. 60, Pl.
 2. f. 3.

Europe; Asia minor;
 Turkestan; Siberia;
 North Africa.

O. fuliginosa Puton 1881 op. cit. 7; Saunders 1892 Hem.
Het. Br. Isl. 15, Pl. 1. f. 1; Fairmaire 1884 Deyrolle's
H. N. France XI, Pl. 1. f. 1; Jakovlev 1884 Hor. S. E.
Ross. XVIII. 171.

var. (b) **carbonaria**

Tetyra carbonaria Zetterstedt 1819 Svensk. Vet. Ak. Handl.
(Holm.) 70.

var. (c) **dorsata** nov.

Ursocoris dorsalis Hahn 1834 op. cit. 51, f. 144 (not Fabricius).
Odontoscelis do. Fieber 1861 op. cit. 378.

var. (d) **litura**

Cimex litura Fabricius 1775 Syst. Ent. 700¹).

Foodplant: *Medicago lupulina*; *Olea europaea*.

3 **hispidula**

Odontoscelis hispidula Jakovlev 1874 Bull. S. N. Moscou
XLVIII. 229²); and 1882 op. cit. LVI. 347; 1876 Тр.
Русск. Эн. Общ. VIII. 51; and 1884 Hor. S. E.
Ross. XVIII. 168.

Hungary; S. Russia;
Turkestan; Egypt.

4 **minuta**

Odontoscelis minuta Jakovlev 1882 Bull. S. N. Moscou LVI.
345 a. 347.

S. Russia.

Forms of uncertain subgeneric position.

5 **caucasica** (*Odontoscelis*) Kolenati 1846 Melet. Ent. IV. 7.

Caucasus.

6 **iberica** Kolenati l. c.

Spain.

7 **pallasii** Kolenati l. c.

Caucasus.

8 **tomentosa**

Arctocoris tomentosus Germar 1839 op. cit. 49; H-S. 1839
Wanz. V. 38, f. 488.

Irochrotus? do. Schouteden 1903 op. cit. 89.

Upper Nubia [Siberia
in error].

[9 **caulius** Uhler 1876 Bull. U. S. Geol. Surv. II., Pl. 19. f. 4
(not described). Antilles].

Morbora.

Distant 1899 A. M. N. H. (7) IV. 47; Bergroth 1904 A. S. E. Belg. XLVIII. 355;
Schouteden 1904 Gen. p. 86 (type *australis*).

1 **australis**

Morbora australis Distant 1899 l. c.; Schouteden 1904 op.
cit. 87, Pl. 5. f. 10.

Queensland.

2 **hirtula**

Morbora hirtula Bergroth 1904 op. cit. 356.

Tasmania.

3 **schoutedeni**

Morbora schoutedeni Bergroth l. c.

Queensland.

Vanduzeeina.

Schouteden 1904 op. cit. 71 a. 85 (type *balli*).

Colorado; California.

1 **balli**

Odontoscelis balli Van Duzee 1904 T. Amer. E. S. XXX. 19.

Phimodera.

Phimodera Germar 1839 Zeitschr. Ent. I. 60; Jakovlev 1884 Hor. S. E. Ross. XVIII.
175; Reuter 1904 Oefv. Finsk. Förh. XLVI. no. 17; Schouteden 1904 Gen.
p. 84; Reuter 1905 Act. Soc. Sci. Fenn. XXXIII. no. 8. pp. 1—51 (type
galgulina).

¹) Schouteden cites, in syn., *C. liturata*, which is a different species.

²) I have now seen this paper and *hispidula* is only referred to in it, so that the species dates
from 1876.

- Phymatodera* Kolenati 1846 Melet. Ent. IV. 7. („emend.”)
Phymodera Spinola 1850 Mem. Soc. Ital. Modena XXV. 30 (laps. cal.).
- 1 **amblygonia** Hungary; S. Russia; Turkestan.
Phimodera amblygonia Fieber 1863 Wien. E. M. VII. 8; Jakovlev 1884 op. cit. 185; Reuter 1905 op. cit. 28, Pl. I. f. 11, and Pl. II. f. 11.
P. orthochila Oshanin 1891 Эписк. Русск. Геогр. Общ. XXIII. 29 (descr.?).
P. aridella Jakovlev 1903 Русск. Энт. Обзор. III. 82.
- 2 **argillacea** Mongolia.
Phimodera argillacea Jakovlev 1901 op. cit. I. 34; Reuter 1905 op. cit. 31, Pl. I. f. 14, and Pl. II. f. 13.
- 3 **bergi** Turkestan.
Phimodera bergi Jakovlev 1905 Русск. Энт. Обзор. V. 114; Reuter 1905 op. cit. 47.
- 4 **binotata** N. W. United States.
Scutellera binotata Say 1824 Narrative Exped. S. Peter's river II. 298; and 1859 Compl. Writ. I. 198.
Phimodera do. Reuter 1905 op. cit. 42.
- 5 **carinata** S. Russia; Siberia; Mongolia.
Phimodera galgulina Kolenati 1846 Melet. Ent. IV. 8. (not H-S.).
P. carinata Reuter 1879 Oefv. Finsk. Förh. XXI. 44; and 1905 Act. Soc. Sci. Fenn. XXXIII. 23, Pl. I. f. 8 a. 9; and Pl. II. f. 9.
P. carinata var. *obscura* Reuter 1905 op. cit. 25.
var. (b) **pallida** Reuter 1879 Oefv. I. c., and 1905 Act. p. 24. Siberia.
var. (c) **callosa** Reuter 1879 Oefv. I. c., and 1905 Act. p. 25. Siberia; N. Mongolia.
var. (d) **reticulata** Reuter 1905 I. c. N. Mongolia.
var. (e) **nigra** Reuter 1879 Oefv. I. cit., and 1905 Act. I. c. Siberia.
- 6 **distincta** S. Russia.
Phimodera distincta Jakovlev 1880 Тр. Русск. Энт. Общ. XI. 204; and 1884 Hor. S. E. Ross. XVIII. 184; Reuter 1905 op. cit. 32, Pl. I. f. 15; Pl. II. f. 14.
Foodplant: *Euphorbia gerardiana*.
- 7 **flori** France; Germany; Tyrol; Livonia; Russia; Siberia.
Phimodera galgulina Flor 1860 Arch. Nat. Livlands (2) III. 82 (not H-S.).
P. flori Fieber 1863 Wien. E. M. VII. 6; Reuter 1905 op. cit. 21, Pl. I. f. 6; Pl. II. f. 6 a. 7.
P. collina Jakovlev 1889 Hor. S. E. Ross. XXIV. 317; Schouteden 1904 Gen. Ins., fasc. 24. p. 85, Pl. 5. f. 8.
var. (b) **horvathi** Hungary.
P. galgulina var. *horvathi* Reuter 1905 op. cit. 22.
- 8 **fumosa** S. Russia.
Phimodera fumosa Fieber 1863 op. cit. 5; Jakovlev 1884 Hor. S. E. Ross. XVIII. 182; Reuter 1905 op. cit. 29, Pl. II. 12; Pl. I. f. 12—13.
P. protracta Jakovlev 1880 Тр. Русск. Энт. Общ. XII. 7.
P. fumosa var. *plagigera* Reuter 1905 op. cit. 30.
var. (b) **pallens** Reuter 1905 I. c.
var. (c) **infusata** Reuter 1905 op. cit. 31.
- 9 **galgulina** Germany; Tyrol; Hungary; Italy.
Podops galgulinus H-S. 1837 Wanz. IV. 29, f. 379.
Phimodera humeralis Jakovlev 1903 Hor. S. E. Ross. XXXVI. 186 (not Dalmann).

P. galgulina Jakovlev 1884 op. cit. 180; Reuter 1905 op. cit. 39, Pl. I. f. 18 a. 19; Pl. II. f. 18, 19 a. 23.

var. (b) **pallidula** nov.

Phimodera galgulina var. || *pallida* Reuter 1905 op. cit. 41.

var. (c) **grisescens** Reuter 1905 l. c.

var. (d) **konovi** Reuter l. c.

§§ Breddin 1896 Zeitschr. Naturw. LIX. 26, Pl. I. f. 1 (protective colouration).

Foodplants: *Carex arenaria*; *Leontodon autumnalis*.

10 humeralis

N. Europe; Austria.

Tetyra humeralis Dalmann 1823 Anal. Entom. 94.

Phimodera bufonia Puton 1888 Rev. d'Ent. VII. 362.

P. humeralis Reuter 1905 op. cit. 33, Pl. I. f. 16, Pl. II. f. 15.

P. do. var. *dalmanni* Reuter 1905 op. cit. 35.

var. (b) **bianchii**

Phimodera bianchii Jakovlev 1903 Hor. S. E. Ross. XXXVI. 186 a. 188.

var. (c) **dorsigera** Reuter l. c.

var. (d) **antica** Reuter l. c.

var. (e) **connectens** Reuter l. c.

Foodplant: *Festuca duriuscula*; *Thymus*.

11 kiborti

Siberia.

Phimodera kiborti Jakovlev 1889 Hor. S. E. Ross. XXIII. 72; Reuter 1905 op. cit. 41.

12 laevilinea

Turcomannia; S. Siberia.

Phimodera laevilinea Stål 1873 Svensk. Vet. Ak. Handl. 11. no. 2. p. 28; Reuter 1905 op. cit. 19, Pl. I. f. 5; and Pl. II. f. 5.

P. borealis Jakovlev 1903 Русск. Энт. Обзор. III. 81.

var. **maculata** Reuter op. cit. 20.

13 lapponica

Norway (Lappland); Finland; Russia.

Tetyra lapponica Zetterstedt 1828 Faun. Lapp. I. 460.

Phimodera do. Reuter 1905 op. cit. 18, Pl. I. f. 4; Pl. II. f. 4.

P. fennica J. Sahlberg 1878 Med. Soc. Faun. Fenn. II. 198.

§ Reuter 1902 Med. Soc. Faun. Fenn. XXVIII. 45 (*metamorphoses*).

Foodplants: *Arctostaphyllum*; *Cladonia rangiferina*.

14 mongolica

Mongolia.

Phimodera mongolica Reuter 1891 Oefv. Finsk. Förh. XXXI. 173; and 1905 Act. Soc. Sci. Fenn. XXXIII. no. 8. p. 16, Pl. I. f. 2; Pl. II. f. 2.

15 nodicollis

S. Russia; Siberia.

Podops nodicollis Burmeister 1835 Handb. Ent. II. 387.

Phimodera do. Germar 1839 Zeitschr. Ent. I. 62. Pl. I. f. VII; Reuter 1905 op. cit. 36, Pl. I. f. 17; Pl. II. f. 16, 17, 22 (with full syn.).

P. obtusata Krynicki 1871 Тр. Харь. Орд. Ист. Прип. IV. 74.

P. caucasica Jakovlev 1903 Hor. S. E. Ross. XXXVI. 185 a. 187.

P. picturata Jakovlev 1903 op. cit. 186 a. 190.

P. ivanovi Syemyenov 1903 Русск. Энт. Обзор. III. 150.

var. (b) **reuteriana** nom. nov.

|| *binotata* Reuter op. cit. 38.

var. (c) **rubiginosa** Reuter l. c.

var. (d) **extrema** Reuter l. c.

Foodplant: *Euphorbia gerardiana*.

16 *oculata*

Phimodera oculata Jakovlev 1880 Тр. Русск. Энт. Общ. XI. 202; and 1884 Hor. S. E. Ross. XVIII. 186; Reuter 1905 op. cit. 14, Pl. I. f. 1; Pl. II. f. 1.

var. *ferruginea* Reuter l. c.

S. Russia; Turcomannia.

17 *testudo*

Phimodera testudo Jakovlev 1894 Hor. S. E. Ross. XXVIII. 128; Reuter 1905 op. cit. 15, textfig.

Mongolia.

18 *torpida*

Phimodera torpida Walker 1867 Cat. Het. I. 75; Uhler 1876 Bull. U. S. Geol. Surv. II. 274; Reuter 1905 op. cit. 22, Pl. I. f. 7; Pl. II. f. 8; Van Duzee 1904 Amer. E. S. XXX. 16.

Canada; Colorado.

var. (b) *fuscotestacea* Reuter op. cit. 23.

var. (c) *obscura* Reuter l. c.

19 *torrida*

Phimodera torrida Reuter 1905 op. cit. 11 a. 17, Pl. I. f. 3; Pl. II. f. 3.

Nevada.

20 *tuberculata*

Phimodera tuberculata Jakovlev 1874 Bull. S. N. Moscou XLVIII. 229; and 1884 Hor. S. E. Ross. XVIII. 178; Reuter 1905 op. cit. 26, Pl. I. f. 10; Pl. II. f. 10.

S. E. Russia.

var. (b) *dorsalis* Reuter l. c.

Ptychodera.

Reuter 1905 Act. Soc. Sci. Fenn. XXXIII. no. 8. p. 44 (type *corrugata*).

1 *corrugata*

Phimodera corrugata Van Duzee 1904 T. Amer. E. S. XXX. 16.

Ptychodera do. Reuter 1905 op. cit. 45, Pl. I. f. 20; Pl. II. f. 20, 21.

Colorado.

Fokkeria.

Schouteden 1904 A. S. E. Belg. XLVIII. 301¹⁾; and Gen. p. 83 (type *crassa* = *producta*).

1 *producta*

Odontoscelis producta Van Duzee 1904 T. Amer. E. S. XXX. 19 a. 20.

Colorado.

Fokkeria crassa Schouteden 1904 A. S. E. Belg. XLVIII. 301.

F. producta Schouteden 1904 Gen. f. 84, Pl. 5. f. 7.

Alphocoris.

Alphocoris Germar 1839 Zeitschr. Ent. I. 58; Stål 1873 Svensk. Vet. Ak. Handl. 11. no. 2. p. 26; Schouteden 1903 Rh. Aeth. I. 80; and 1904 Gen. p. 82 (type *lizardes*).

Sphenaspis Jakovlev 1877 Тр. Русск. Энт. Общ. X. 72 (type *curculionoides*).

1 *curculionoides*

Sphenaspis curculionoides Jakovlev 1877 l. c.

N. Persia.

2 *indutus*

Alphocoris indutus Stål 1865 Hem. Afr. I. 61; and 1873 Svensk. op. cit. 27.

Central Africa; Cape Colony; Transvaal. [? Southern Sudan.]

A. indutus Schouteden 1903 Rh. Aeth. I. 83.

3 *larinoides*

Alphocoris larinoides Germar 1839 op. cit. 60; Schouteden 1903 op. cit. 84, Pl. II. f. 4.

Nubia; Senegal; Algeria.

¹⁾ Not valid in this paper, because not described separately from the type species.

Tetyra mucorea Klug 1845 Symb. Phys. V, Pl. 43. figs. 4 a. 5.

Alphocoris crassus Stål 1865 l. c.

4 *lixoides*

Alphocoris lixoides Germar 1839 op. cit. 59, Pl. 1. f. 3; Distant 1902 Faun. Ind. Rh. I. 67, f. 30; Schouteden 1903 op. cit. 81.

India; Senegal.

5 *lobulatus*

Alphocoris lixoides Stål 1865 op. cit. 60 (not Germar).

A. lobulatus Stål 1873 Svensk. Vet. Ak. Handl. 11. no. 2. p. 26; Schouteden 1903 op. cit. 82, textfig. 18; and 1904 Gen. p. 83, Pl. 5. f. 16.

Senegal.

Ellipsocoris.

Mayr 1864 Verh. zool. bot. Ges. Wien XIV. 906; and 1866 Novara Exp. Zool. II. Hem. 15; Schouteden 1904 Gen. p. 82 (type *trilineatus*).

1 *trilineatus*

Ellipsocoris trilineatus Mayr l. cc.; Schouteden 1904 l. c., Pl. 5. f. 6.

Syria.

Periphima.

Periphima Jakovlev 1889 Hor. S. E. Ross. XXIV. 312 (type *batesoni*).

Periphyma Schouteden 1904 op. cit. 78.

1 *batesoni*

Periphima batesoni Jakovlev 1889 op. cit. 314.

Periphyma do. Schouteden 1904 l. c., textf.

Turkestan; Algeria.

Psacasta.

Tetyra Spinola 1837 Essai 364 (not Fabricius).

Psacasta Germar 1839 Zeitschr. Ent. I. 68; Fieber 1861 Eur. Hem. 375; Jakovlev 1884 Hor. S. E. Ross. XVIII. 191; Schouteden 1904 Gen. p. 76 (type *pedemontana* = *exanthematica*).

subgen. (b) *Cryptodontus* Mulsant et Rey 1865 A. S. Linn. Lyon (2) XII. 317 a. 320 (type *tuberculata*).

= *Cryptodontes* Scudder 1882 Nom. Zool. pt. 2. p. 83.

subgen. (c) *Periphymopsis* Schouteden 1904 Gen. p. 77 (type *lethierryi*).

(a) subgen. typ.

1 *affinis*

Psacasta affinis Reuter 1900 Oefv. Finsk. Förh. XLII. 214.

S. Russia.

2 *anthriboides*

Tetyra cerinthe Wolff 1811 Icon. Cim. 170, f. 167 (not Fabricius).

Psacasta anthriboides Germar 1839 op. cit. 70.

N. Africa.

3 *cerinthe*

Cimex cerinthe Fabricius 1787 Mant. Ins. II. 280.

|| *Tetyra pagana* Fabricius 1803 Syst. Rh. 140.

T. gentilis Fabricius 1803 op. cit. Index 20.

Psacasta nigra Germar 1839 op. cit. 141.

Tetyra hispana Rambur 1840 Faune Andal. II. 99.

Psacasta cerinthe Puton 1881 Syn. Hém. France II. 12.

var. *argillacea* Horváth 1889 Wien. E. Z. VIII. 173.

Mediterranean sub-region.

Turcomannia.

4 *conspersa*

Psacasta conspersa Germar 1839 op. cit. 71; Puton 1881 l. c.

Tetyra granulata A. Costa 1847 Atti Soc. incorr. Nat. Napoli VII. 400, Pl. V. f. 13.

Mediterranean basin; S. Russia.

5 *cypria*

Psacasta cypria Puton 1881 Mt. Schweiz. E. Ges. VI. 119; Horváth 1901 Termész. füzet. XXIV. 470.

Cyprus; Asia minor.

6 *exanthematica*

Cimex exanthematicus Scopoli 1763 Ent. Carn. 121.
C. pedemontanus Fabricius 1781 Spec. Ins. II. 342.
C. allioni Gmelin 1789 Syst. Nat. (Ed. XIII) 2132.
Ventocoris pedemontanus Hahn 1834 Wanz. II. 37, f. 134.
Scutellera albopunctata Krynicki 1781 Trud. Univ. Kharkow IV. 6.

Psacasta exanthematica var. *minor* Puton 1881 Syn. Hém. France II. 11.

P. exanthematica Jakovlev 1884 Hor. S. E. Ross. XVIII. 195;
 Breddin 1896 Zeitschr. Naturw. LIX. 24, Pl. 1. f. 2.

var. *herculeana*

Psacasta exanthematica Puton l. c. (not typic.).

P. do. var. *herculeana* Horváth 1891 Rev. Ent. X. 76.

§ Breddin l. c. (protective colouration).

Foodplants: *Anchusa officinalis*; *Echinosperrum lappula*;
Echium vulgare.

7 *marmottani*

Psacasta marmottani Puton 1887 Rev. Ent. VI. 298.

8 *pallida*

Psacasta pallida Reuter 1902 Oefv. Finsk. Förh. XLIV. 141.

9 *transaspica*

Psacasta transaspica Jakovlev 1889 Hor. S. E. Ross. XXIV. 311.

(b) subgen. *Cryptodontus*.10 *neglecta*

Tetyra neglecta H-S. 1837 Wanz. IV. 27, f. 377.

Psacasta do. Fieber 1861 Eur. Hem. 377; Jakovlev 1884 op. cit. XVIII. 193.

P. rugulosa Horváth 1883 Termész. füzet. VII. 22.

11 *tuberculata*

Cimex tuberculatus Fabricius 1781 Spec. Ins. II. 343.

Psacasta tuberculata Fieber 1861 op. cit. 376.

(c) subgen. *Periphymopsis*.12 *lethierryi*

Psacasta lethierryi Puton 1873 A. S. E. France (5) III. 11;
 Schouteden 1904 Gen. 78, Pl. 5. f. 17.

Periphyma do. Reuter 1900 op. cit. XLII. 216.

Odontotarsus.

Odontotarsus Laporte 1832 Essai 67 a. 68; Jakovlev 1884 Hor. E. S. Ross. XVIII. 188; Schouteden 1904 Gen. Ins., fasc. 24. p. 81; Horváth 1906 Ann. Mus. Hung. IV. 463 (type *purpureolineatus*).

Bellocoris Hahn 1834 Wanz. II. 42 (type *purpureolineatus*).

Odontotarsus Mulsant et Rey 1865 A. S. Linn. Lyon. (2) XII. 331.

1 *angustatus*

Odontotarsus angustatus Jakovlev 1884 Bull. S. N. Moscou LVIII. 120; Schouteden 1904 Gen. p. 81, Pl. 5. f. 5;
 Horváth 1906 op. cit. 467.

2 *caudatus*

Pachycoris caudatus Burmeister 1835 Handb. Ent. II. 392;
 H-S. 1837 Wanz. IV. 28, f. 378; Klug 1845 Symb. Phys. V, Pl. 43. f. 6.

Odontotarsus productus Spinola 1837 Essai 362.

O. caudatus Horváth 1906 op. cit. 469.

§ Westring 1858 Götheborgs Vet. Handl. (2) IV. 50 (suspected stridulation).

§ Handlirsch 1900 Ann. Hofmus. Wien L. 131 (do.).

C. and S. Europe;
 Syria; N. Africa;
 Madeira; Turke-
 stan.

Algeria; Tunis.

Syria.

Turcomannia.

Italy; Hungary; Ser-
 via; S. Russia; Asia
 minor; N. Africa.

Mediterranean basin;
 S. Russia.

N. Africa.

Turkestan.

Mediterranean basin;
 S. Russia; Canary
 Isles.

- 3 **concinus**
Odontotarsus concinns Horváth 1906 op. cit. 466 a. 476. Algeria.
- 4 **freyi**
Odontotarsus freyi Puton 1882 Rev. Ent. I. 22; Horváth 1906 op. cit. 480. Syria; Egypt.
- 5 **grammicus**
Cimex grammicus Linneus 1767 Syst. Nat. (Ed. XII.) II. 716.
Odontotarsus do. Horváth 1906 op. cit. 472. N. Africa.
- 6 **horvathi**
Odontotarsus horvathi Puton 1892 Rev. Ent. XI. 24.
O. horváthi Horváth 1906 op. cit. 479. N. Africa.
- 7 **impictus**
Odontotarsus impictus Jakovlev 1885 Bull. S. N. Moscou LXI. (2) 81 a. 84; Horváth 1906 op. cit. 477. Turkestan.
var. (b) **mendax** Horváth 1906 op. cit. 466 a. 478.
- 8 **lautus**
Odontotarsus lautus Horváth 1891 Rev. Ent. X. 75; and 1906 Ann. Mus. Hung. IV. 468. S. Russia; Turkestan.
- 9 **lineatus**
Odontotarsus lineatus Spinola 1837 Essai 363. N. Africa.
- 10 **oculatus**
Odontotarsus oculatus Horváth 1882 Termész. füzet. V. 217; and 1906 Ann. Mus. Hung. IV. 481. Syria.
- 11 **plicatulus**
Odontotarsus plicatulus Horváth 1906 op. cit. 467 a. 482. S. Russia; Asia minor; Syria.
- 12 **purpureolineatus**
Cimex purpureolineatus Rossi 1790 Faun. Etr. II. 228, Pl. 7. f. 2. C. and S. Europe; Asia minor; Persia; Turkestan.
C. grammicus Schranck and most authors.
Bellocoris purpureolineatus Hahn 1834 op. cit. 43. f. 138.
Odontotarsus do. Horváth 1906 op. cit. 473, f. 1.
var. (b) **lutescens**
Odontotarsus grammicus var. *lutescens* Fieber 1861 Eur. Hem. 377.
var. (c) **obsoleta**
Odontotarsus purpureolineatus var. *obsoletus* Horváth 1906 op. cit. 466 a. 474.
var. (d) **decolor** Horváth l. c.
Foodplants: *Carduus*; *Centaurea paniculata*; *Hieracium cymosum*; *Plantago cynops*.
- 13 **robustus**
Odontotarsus robustus Jakovlev 1884 Bull. S. N. Moscou LVIII. 123; Horváth 1906 op. cit. 470, f. 2. Europe; Corsica; Asia minor; Turkestan.
var. (b) **flava**
Odontotarsus flavus Jakovlev 1885 Hor. S. E. Ross. XIX. 102.
O. r. var. *flavus* Horváth 1906 op. cit. 472.
- 14 **rufescens**
Odontotarsus grammicus var. *rufescens* Fieber 1861 Eur. Hem. 377. Greece; Asia minor; Syria; Egypt.
O. rufescens Horváth 1906 op. cit. 478.
var. (b) **irrorata**
Odontotarsus irroratus Horváth 1882 Termész. füzet. V. 218.
O. rufescens var. *irroratus* Horváth 1906 Ann. Mus. Hung. IV. 466 a. 479.
var. (c) **vittigera**
O. r. var. *vittiger* Horváth 1906 l. c.

15 *rugicollis*

Odontotarsus rugicollis Jakovlev 1884 Bull. S. N. Moscou LVIII. 121; Horváth 1906 op. cit. 475.

? *O. nigricornis* Garbiglietti 1869 B. S. E. Ital. I. 44.

var. (b) *callosa*

O. callosus Horváth 1896 Termész. füzet. XIX. 322.

O. rugicollis var. *callosus* Horváth 1906 Ann. Mus. Hung. IV. 476.

Spain; E. Russia; Algeria; Egypt; Cyprus; Syria.

Melanodema.

Jakovlev 1880 Тр. Русск. Эн. Общ. XI. 205; Schouteden 1904 Gen. p. 80 (type *carbonaria*).

1 *apicifera*

Melanodema apicifera Distant 1899 A. M. N. H. (7) IV. 46; and 1902 Faun. Ind. Rh. I. 69, f. 32:

India (? Bombay).

2 *carbonaria*

Melanodema carbonarium Jakovlev 1880 op. cit. 206.

M. carbonaria Schouteden 1904 op. cit., Pl. 5. f. 4.

Persia; Turkestan.

Promecocoris.

|| *Promecosoma* Jakovlev 1885 Hor. S. E. R. XIX. 103 (type *laticollis*).

Promecocoris Puton 1886 Cat. Hém. pal. (Ed. III.) p. 7; Schouteden 1904 Gen. p. 79 (new name).

Emphylocoris Reuter 1900 Oefv. Finsk. Förh. XLII. 217 (type *testaceus*).

1 *laticollis*

Promecosoma laticollis Jakovlev 1885 op. cit. 104.

Promecocoris do. Jakovlev 1887 op. cit. XXI. 298.

Turkestan.

2 *stschurowskyi*¹⁾

Psacasta stschurowskyi Oshanin 1870 O. J. E. A. Э. VIII. 199.

Promecocoris pictus Jakovlev 1887 Hor. S. E. Ross. XXI. 297.

P. stschurowskii Schouteden 1904 op. cit. 80, textfig.

Turkestan.

3 *testaceus*

Emphylocoris testaceus Reuter 1900 op. cit. 218.

Turkestan.

Ceratocranum.

|| *Ceratocephala* Jakovlev 1880 Тр. Русск. Эн. Общ. XII. 9 (type *caucasica*).

Ceratocranum Reuter 1890 Rev. Ent. IX. 248; Schouteden 1904 Gen. Ins. fasc. 24. p. 75 (new name).

1 *causicum*

Ceratocephala caucasica Jakovlev 1880 op. cit. 10.

Ceratocranum causicum Schouteden 1904 op. cit., textf. on p. 76.

S. Russia.

var. *anthracina*

Ceratocranum causicum var. *anthracinum* Horváth 1891 Rev. Ent. X. 75.

Xerobia.

Stål 1873 Svensk. Vet. Ak. Handl. 9. no. 2. p. 29; Schouteden 1903 Rh. Aeth. I. 85; and 1904 Gen. Ins. fasc. 24. p. 75 (type *sculpturata*).

1 *sculpturata*

Eurygaster sculpturatus Stål 1858 O. V. A. F. XV. 311; and 1865 Hem. Afr. I. 61.

Xerobia sculpturata Schouteden 1903 Rh. Aeth. I. 86. Pl. II. f. 5.

Cape Colony; Hereroland; St. Thomé Isl. (in the Gulf of Guinea).

2 *stáli*

Xerobia stáli Schouteden 1903 op. cit. 86 a. 87, textf. 19.

Somaliland.

¹⁾ This is Oshanin's own spelling in 1906. I have not seen the earlier paper.

3 **verruculosa**

Syria.

Xerobia verruculosa Stål 1873 Svensk. op. cit. 30.**Polyphyma.**Jakovlev 1877 Тр. Русск. Энт. Общ. X. 73; and 1880 op. cit. XII. 9.; Schouteden 1904 Gen. p. 74 (type *scrobiculata*).1 **koenigi**

Turkomania.

Polyphima(!) koenigi Jakovlev 1889 Hor. S. E. Ross. XXIV. 315.*Polyphyma* do. Schouteden 1904 l. c., textfig.2 **scrobiculata**

Persia.

Polyphyma scrobiculata Jakovlev 1877 Тр. Русск. Энт. Общ. X. 74.**Macrocarenus.**Stål 1873 op. cit. 32; Schouteden 1904 op. cit. 73 (type *acuminatus*).1 **acuminatus**

Australia.

Eurygaster? acuminatus Dallas 1851 List 49.*Macrocarenus* do. Schouteden 1904 l. c., fig.2 **scutellatus**

Queensland.

Macrocarenus scutellatus Distant 1899 A. M. N. H. (7) IV. 46.**Eurygaster.***Eurygaster* Laporte 1832 Essai 67 to 69; Stål 1873 Svensk. Vet. Ak. Handl. 11. no. 2. p. 30; and 1859 Compl. Writ. I. 94, Pl. XLIII. f. 3. Gen. Ins., fasc. 24. p. 71 (type *hottentotus*).*Eurygaster* subg. *Platypleurus* Mulsant et Rey 1865 A. S. Linn. Lyon XII. 343 (type *maurus*).*E.* subg. *Holophlygdus* Stål 1873 l. c. (type *hottentotta* = *nigrocucullatus*).1 **alternata**

Canada; Eastern U.

Tetyra alternata Say 1828 Amer. Ent. 94, Pl. XLIII, lower left fig.; and 1859 Compl. Writ. I. 94, Pl. XLIII. f. 3.*Eurygaster nicoleturnensis* Provancher 1872 Nat. Canad. IV. 73.*E. alternatus* Uhler 1877 Bull. U. S. Geol. Surv. III. 365; Lugger 1900 Rep. Ent. Minnesota VI. 96, f. 96; Van Duzee 1904 T. Amer. E. S. XXX. 18.

S. as far as Maryland; Northern U.

S.; Western U. S.

to California and

New Mexico.

Hab. Carices.

2 **shoshone** nom. nov.

Utah; Idaho; Nevada.

|| *Eurygaster carinatus* Van Duzee 1904 l. c.3 **dilaticollis**

Spain; Italy; Hun-

Eurygaster dilaticollis Dohrn 1860 Stett. E. Z. XIX. 100; Jakovlev 1884 Hor. S. E. Ross. XVIII. 203; Schouteden 1904 Gen. p. 72, Pl. 3. f. 3.

gary; Bulgaria; S.

Russia; Asia minor;

Siberia.

E. brevicollis Fieber 1861 Eur. Hem. 370.4 **fokkeri**

Tyrol.

Eurygaster fokkeri Puton 1892 Rev. Ent. XI. 318.*E. fokkeri* Schouteden 1904 l. c.5 **hottentotta**

S. France; Spain;

Cimex hottentotta Fabricius 1775 Syst. Ent. 699.

Italy; Greece; S.

C. fuscocucullatus Goeze 1778 Ent. Beytr. II. 235.

Russia; Asia

C. hottentottus Fabricius 1794 Ent. Syst. IV. 87.

minor; North Africa.

C. maroccanus Fabricius 1798 op. cit. Suppl. 529.*Eurygaster* do. Fieber 1861 Eur. Hem. 369.*E. hottentotus* Schouteden 1904 op. cit. 72 (laps. cal.).6 **integriceps**

Italy; Greece; S.

Eurygaster integriceps Puton 1881 Mt. Schweiz. E. Ges. VI. 119; Jakovlev 1884 Hor. S. E. Ross. XVIII. 199 and

Russia; Syria; Per-

sia; Turkestan.

202; and 1885 Bull. S. N. Moscou LXI. 81.

var. (b) **hellenica** nov.
Eurygaster integriceps var. || *nigra* Reuter 1900 Oefv. Finsk.
 Förh. XLII. 219.

Greece.

var. (c) **ferruginea**
Eurygaster integriceps var. *ferruginea* Reuter l. c.

Greece; Turkestan.

var. (d) **testacea**
Eurygaster integriceps var. *testacea* Reuter l. c.

Greece; Turkestan.

var. (e) **subgrisea** nov.
Eurygaster integriceps var. || *griseescens* Reuter l. c.

Turkestan.

var. (f) **plagiata**
Eurygaster integriceps var. *plagiata* Reuter l. c.

Asia minor; Turkestan.

§§ Vasilyev 1904 Тр. бюро по ЭнТ. IV. no. 11. (25 figs.)

[cf. Kushnyenov 1904 Русск. ЭнТ. Обзор. IV. 355.]

Parasite: *Telenomus sokolovi* [Hym.] (1896 Hor. S. E. Ross.
 XXX. 444).

7 **laevluscula**

S. C. Siberia.

Eurygaster laevluscula Jakovlev 1885 Bull. S. N. Moscou
 LXI. 78 a. 81.

E. laevluscula Jakovlev p. 80.

8 **maurus**

— — Frisch 1738 Besch. Ins. Teutschl. XIII. 26, Pl. XXIV.
 nos 1—2.

Cimex maurus Linnaeus 1758 Syst. Nat. (Ed. X) 441.

C. lineatus Sulzer 1776 Gesch. Ins. 95, Pl. X. f. 6 (not Linnaeus).

C. austriacus Schrank 1776 Beytr. Nat. 78.

C. frischii Goeze 1778 Ent. Beytr. II. 234.

C. schrankii Goeze l. c. (new name for *austriacus*!).

|| *C. cinereus* Goeze op. cit. 276.

C. truncatus Goeze op. cit. 277.

C. testudinarius Geoffroy 1785 Foureroy Ent. Paris 195.

C. cappatus Geoffroy op. cit. 216.

C. lynceus Walckenaer 1802 Faune paris. 340 (not Fabricius).

Pentatoma fuscus Tigny 1813 Hist. Nat. IV. 287.

Eurygaster cognatus [Westwood] 1837 Cat. Hope I. 11.

E. maurus Fieber 1861 Eur. Hem. 370; Douglas and Scott
 1865 Br. Hem. I. 65, Pl. 2. f. 5; Fairmaire 1884 Dey-
 rolle's H. N. France XI, Pl. 1. f. 5; Jakovlev 1884
 Hor. S. E. R. XVIII. 199.

E. maura Saunders 1892 Hem. Het. Brit. Isl. 16, Pl. 1. f. 3;
 Distant 1902 Faun. Ind. Rh. I. 68, f. 31.

E. maurus var. *communis* Fieber 1861 op. cit. 369.

var. (b) **picta**

Tetyra picta Fabricius 1803 Syst. Rh. 136.

Bellocoris pictus Hahn 1834 Wanz. II. 45, f. 140.

Eurygaster orientalis [Westwood] 1837 l. c.

var. (c) **nigrans** nov.

Eurygaster maurus var. || *nigra* Fieber 1861 Eur. Hem. 370.

var. (d) **fieberti** nov.

Eurygaster maurus var. || *signata* Fieber l. c.

var. (e) **notata**

Eurygaster maurus var. *notatus* Ferrari 1874 Ann. Mus.
 Genov. VI. 119.

var. (f) **griseescens**

Eurygaster maurus var. *griseescens* Rey 1888 Rev. Ent. VII. 92.

§§ Dufour 1833 Mém. sav. étr. Inst. France IV. 154—55,
 249—50, 270, 282—83, 325—27, 368—69, 398, 408;
 figs. 10—12, 120—21, 159 (o—a) (anatomy etc.).

Europe; N. Africa;
 Asia minor; Syria;
 Turkestan; Siberia;
 Japan; China
 (throughout); In-
 dia.

§§ Leuckart 1855 Müller's Archiv. 143 (embryology).
 §† Sokolov 1901 Тр. Бюро по ЭнТ. II. no. 17 (lifehistory?).
 Foodplants: *Carex*; *Epilobium angustifolium*; *Erica*; *Juniperus*; *Salix*; *Centaurea*; grasses etc. Sucks the ears of green wheat.
 Parasites: *Phasia* [Dipt.] and *Telenomus sokolovi* and *semistriatus* [Hym.].

9 **minor**

Eurygaster minor Montandon 1885 Rev. Ent. IV. 172, Pl. 1. f. 3.

S. France.

Foodplant: *Astrantia major*.

10 **nigrocucullata**

Cimex nigrocucullatus Goeze 1778 Ent. Beytr. II. 235.
C. aethiops Goeze 1778 op. cit. 276.
C. secalinus Geoffroy 1785 l. c.
 || *C. carinatus* Cyrillo 1787 Ent. Neap. I. 5, Pl. VI. f. 2.
Bellocoris maurus Hahn 1834 Wanz. II. 44, f. 139 (not Linneus).

Europe (except boreal part); N. Africa; [? Java; Moluccas].

Eurygaster var. *obliqua* Kolenati 1846 Mel. Ent. IV. p. 12.
E. hottentotus Fieber 1861 Eur. Hem. 369 (with var. *communis*)

E. hottentota Jakovlev 1884 Hor. S. E. Ross. XVIII. 201.

var. (b) **cucullata** — ~~*capitata*~~

→ *Cimex cucullatus* Gmelin 1789 Syst. Nat. (Ed. XIII.) 2134.

Tetyra nigra Fabricius 1803 Syst. Rh. 136.

Eurygaster hottentotus var. *nigra* Fieber 1861 l. c.

E. nigra Saunders 1892 Hem. Het. Brit. Isl. 16, Pl. 1. f. 4.

var. (c) **fuscescens** nom. nov.

|| *Cimex fuscus* Gmelin 1789 Syst. Nat. (Ed. XIII.) 2134.

var. (d a. e) **nigricans** and **lineata**

Eurygaster hottentotus var. *nigricans* and *lineata* Fieber 1861 op. cit. 369.

var. (f) **eurhemia** nov.

E. hottentotus var. || *signata* Fieber l. c.

§§† Morkrzhetskii 1894 Khlibnaya Tchyeryepashka b Krimu 1—64, 1 Pl. and map.

Foodplant: *Carduus*.

11 **schreiberi**

Eurygaster schreiberi Montandon 1885 Rev. Ent. IV. 171, Pl. I. f. 2.

China (Hongkong).

12 **sinica**

Eurygaster sinicus Walker 1867 Cat. Het. I. 67.

Turkestan.

13 **sodalis**

Eurygaster sodalis Horváth 1896 Termész. füzet. XVIII. 221.

Tribe 2.

Tetyrini.

With the exception of *Hotea* and *Deroplax*, the 29 genera of this tribe seem to be American, and indeed confined to the typical subregion, only one species entering Chile and not endemic there. *Macraulax* is, up to the present, an enigma: *Polytodes* described from Central Africa is probably South American. *Augocoris* ranked by Schouteden with the Scutellerini is probably a Tetyrine.

Cf. Schödtte, Westring, Handlirsch and Bergroth in bibliography of Scutellerinae!

Genera	Australasian				Oriental			Ethiopian		Palearctic		America		Total Species
	Austro-Malayan	Hawaii	New Zealand	Australia	Indo-Malayan	Indo-Chinese	Philippines	Continental	Mascarene	Palearctic proper	Manchurian	America (excl. Chile)	Chile & South Patagonia	
<i>Hotea</i>	—	—	—	1	1	2	—	2	2	—	—	—	—	5
<i>Epynes</i>	—	—	—	—	—	—	—	—	—	—	—	1	—	1
<i>Lobothyreus</i>	—	—	—	—	—	—	—	—	—	—	—	3	—	3
<i>Crathis</i>	—	—	—	—	—	—	—	—	—	—	—	2	—	2
<i>Agonosoma</i>	—	—	—	—	—	—	—	—	—	—	—	3	—	3
<i>Tiridates</i>	—	—	—	—	—	—	—	—	—	—	—	3	—	3
<i>Stethaulax</i>	—	—	—	—	—	—	—	—	—	—	—	1	—	1
<i>Sphyrocoris</i>	—	—	—	—	—	—	—	—	—	—	—	3	—	3
<i>Homaemus</i>	—	—	—	—	—	—	—	—	—	—	—	7	—	7
<i>Symphylus</i>	—	—	—	—	—	—	—	—	—	—	—	17	—	17
<i>Galeacius</i>	—	—	—	—	—	—	—	—	—	—	—	3	—	3
<i>Deroplax</i>	—	—	—	—	—	1	—	8	—	—	—	—	—	9
<i>Diolcus</i>	—	—	—	—	—	—	—	—	—	—	—	5	—	5
<i>Misippus</i>	—	—	—	—	—	—	—	—	—	—	—	1	1	1
<i>Coptochilus</i>	—	—	—	—	—	—	—	—	—	—	—	2	—	2
<i>Chelyschema</i>	—	—	—	—	—	—	—	—	—	—	—	6	—	6
<i>Chelysoma</i>	—	—	—	—	—	—	—	—	—	—	—	9	—	9
<i>Tetyra</i>	—	—	—	—	—	—	—	—	—	—	—	5	—	5
<i>Testrina</i>	—	—	—	—	—	—	—	—	—	—	—	1	—	1
<i>Pachycoris</i>	—	—	—	—	—	—	—	—	—	—	—	9	—	9
<i>Polytes</i>	—	—	—	—	—	—	—	—	—	—	—	12	—	12
<i>Ascanius</i>	—	—	—	—	—	—	—	—	—	—	—	3	—	3
<i>Chelycoris</i>	—	—	—	—	—	—	—	—	—	—	—	3	—	3
<i>Dystus</i>	—	—	—	—	—	—	—	—	—	—	—	1	—	1
<i>Trichothyreus</i>	—	—	—	—	—	—	—	—	—	—	—	1	—	1
<i>Camirus</i>	—	—	—	—	—	—	—	—	—	—	—	7	—	7
<i>Acantholoma</i>	—	—	—	—	—	—	—	—	—	—	—	1	—	1
	—	—	—	1	1	3	—	10	2	—	—	109	1	123

Hotea.

Amyot et Serville 1843 Hem. 41; Stål 1873 Svensk. Vet. Ak. Handl. 11. no. 2. p. 24; Schouteden 1903 Rh. Aeth. I. 63; and 1904 Gen. Ins., fasc. 24. p. 64 (type *triangulum* = *gambiae*).

subgen. (b) **Phymatogonia** Stål 1873 Svensk. Vet. Ak. Handl. 11. no. 2. p. 24 (type *denticulata*).

subgen. (c) **Tylonea** Stål op. cit. 25 (type *curculionoides*).

(a) subgen. typ.

1 *acuta*

Hotea acuta Stål 1865 Hem. Afr. I. 55; Schouteden 1903 Rh. Aeth. I. 66, Pl. 2. f. 1.

Ivory Coast; Kongo; Kamerun.

2 *subfasciata*

Trigonosoma subfasciatum [Westwood] 1837 Cat. Hope I. 11.

Pachycoris falcatus Germar 1837 Silb. Rev. Ent. V. 191.

Hotea vicinum Signoret 1851 Rev. Mag. Zool. III. 441.

H. subfasciata Stål 1865 Hem. Afr. I. 54; Schouteden 1903 op. cit. 65, f. 16.

H. melanaria Walker 1867 op. cit. 56.

var. (b) **gambiae**

Trigonosoma gambiae [Westwood] 1837 l. c.

T. apicale [Westwood] l. c.

Ethiopian mainland, and Madagascar.

Hotea triangulum Amyot et Serville 1843 l. c., Pl. I. f. 7.
H. subfasciata subsp. *gambiae* Schouteden 1903 op. cit. 66,
 f. 17.

§§ Schouteden 1903 op. cit. 93, Pl. IV. f. 8 (n.).

(b) subgen. *Phymatogonia*.

3 *denticulata*

Hotea denticulata Stål 1865 Hem. Afr. I. 56; and 1873 Svensk.
 op. cit. 24; Schouteden 1903 op. cit. 67.

Madagascar.

(c) subgen. *Tylonea*.

4 *curculionoides*

Pachycoris curculionoides H-S. 1836 Wanz. III. 106, f. 331.

P. punctulatus Germar 1839 Zeitschr. Ent. I. 105.

Hotea curculionoides Vollenhoven 1863 Faune ent. indo-néerl.
 I. 37; Distant 1902 Faun. Ind. Rh. I. 65, f. 28.

H. nasuta Walker 1867 op. cit. 58.

India; Birma; Assam;
 Tenasserim; Ceylon;
 China; Malay Pen-
 ins.; Sumatra; Java;
 Sumbawa; Flores;
 Timor; Talaure;
 Amboina; Moluccas.
 Java.

var. *fusca*

Hotea fusca Vollenhoven 1863 op. cit. 38.

5 *nigrorufa*

Hotea nigrorufa Walker 1867 op. cit. 57; Distant 1902 op.
 cit. 66.

S. India.

6 *circumcincta*

Hotea circumcincta Walker 1867 l. c.

Pulo Penang (Malay
 States).

Ephynes.

Stål 1867 O. V. A. F. XXIV. 495; Schouteden 1904 Gen. p. 65 (type *knockii* = *brevicollis*).

1 *brevicollis*

Ephynes knockii Stål 1867 l. c. (not Germar).

N. Brazil.

E. brevicollis Stål 1870 Svensk. Vet. Ak. Handl. 9. no. 1.
 p. 16; Schouteden 1904 op. cit. 66, Pl. 4. f. 9.

Lobothyreus.

Mayr 1864 Verh. zool. bot. Ges. Wien XIV. 904; Schouteden 1904 op. cit. 66 (type *lobatus*).

1 *brasiliensis*

Lobothyreus brasiliensis Schouteden 1904 A.S.E. Belg. XLVIII.
 300; and Gen. p. 66, Pl. 5. f. 12.

Brazil.

2 *illex*

Lobothyreus illex Bergroth 1891 Rev. Ent. X. 214.

French Guiana; Brazil.

3 *lobatus*

Pachycoris lobata [Westwood] 1837 Cat. Hope I. 12.

Lobothyreus lobatus Mayr 1866 Novara Exp. Hem. 31, Pl. 1.
 f. 1; Schouteden 1904 l. c., Pl. 5. f. 2.

Colombia; N. Brazil.

Pachycoris apicalis Walker 1867 Cat. Het. I. 50.

Symphylus signatus Walker 1868 op. cit. III. 517.

Crathis.

Stål 1861 Stett. E. Z. XXII. 142; and 1867 O. V. A. F. XXIV. 495; Schouteden 1904
 Gen. 67 (type *longifrons*).

1 *ansata*

Lobothyreus ansatus Distant 1889 B. C. A., Het. 313, Pl.
 29. f. 22.

Panama.

2 *longifrons*

Crathis longifrons Stål 1861 Stett. E. Z. XXII. 142.

Lobothyreus obscurus Distant 1880 T. E. S. London 147,
 Pl. 5. f. 1 a. 1a.

Guiana; Colombia;
 Perú.

Agonosoma.

Eurygaster sg. *Agonosoma* Laporte 1832 Essai 69 (type *flavolineata*).

Agonosoma Schouteden 1904 Gen. p. 67.

[*Scapularia* Gistel M. S.]

Agonocoris Bergroth 1891 Rev. Ent. X. 235 (new name).

- 1 **dohrni** Mexico.
Agonosoma dohrni Schouteden 1903 Stett. Ent. Zeit. LXIV. 362.
- 2 **flavolineata** Guiana; N. Brazil;
Agonosoma flavolineata Laporte 1832 l. c.; Amyot et Serville Grenada.
 1843 Hém. 44, Pl. 2. f. 2.
Pachycoris lineatus Hahn 1836 Wanz. III. 68, f. 282.
- 3 **trivittata** N. Brazil; Fr. Guiana;
Cimex trivittatus Panzer 1797 Voet, Hartschaal. Ins. IV. Venezuela; Colombia; Panama; Grenada.
 111, Pl. 47. f. 12.
Pachycoris virgatus Germar 1839 Zeitschr. Ent. I. 102, Pl. 1. f. 6.
Agonosoma trilineatum Stål 1870 Svensk. Vet. Ak. Handl. 9. no. 1. p. 13.
- var. (b) **fabricii** nov. nom.
 || *Cimex trilineatus* Fabricius 1781 Spec. Ins. II. 341.
Agonosoma trilineatum Distant 1889 B. C. A., Het. I. 313, Pl. 30. f. 5.
- var. (c) **bicolor**
Agonosoma bicolor [Westwood] 1837 op. cit. 12.
A. reichei Spinola 1837 Essai 361.
- var. (d) **dichroa**
Scutellera dichroa Perty 1833 Del. An. 164, Pl. 33. f. 2.
Pachycoris bigatus Germar 1839 Zeitschr. Ent. I. 102.
- var. (e) **flavipes**
Agonosoma flavipes Dallas 1851 List 42.
A. quadriguttatum Signoret 1851 A. S. E. France (2) IX. 330, Pl. 10. f. 1.
- var. (f) **stali** Schouteden 1904 Gen. p. 68.

Tiridates.

Stål 1867 O. V. A. F. XXIV. 494; Schouteden 1904 Gen. Ins., fasc. 24. p. 68 (type *rubrocinctus*).

- 1 **flavicinctus** Mexico.
Pachycoris flavicinctus H-S. 1837 Wanz. IV. 8, f. 351.
Tiridates flavocinctus Stål 1867 op. cit. 494 (ref.).
- 2 **mexicanus** Mexico.
Pachycoris mexicanus H-S. 1837 op. cit. 3, f. 343.
- 3 **rubrocinctus** Mexico.
Pachycoris rubrocinctus H-S. op. cit. 9, f. 352.
Agonosoma rubrocinctum Stål 1862 Stett. E. Z. XXIII. 83.
- var. (b) **sexmaiculata** nov.
 = var. a. Stål l. c.
- var. (c) **decolor** nov.
 = var. b. Stål l. c.
- var. (d) **decemmaculata** nov.
 = var. c. Stål l. c.
- var. (e) **magnifica** nov.
 = var. d. Stål l. c.

Stethaulax.

|| *Aulacostethus* Uhler 1871 P. Boston S. N. H. XIV. 93; and 1878 op. cit. XIX. 367; Van Duzee 1904 T. Amer. E. S. XXX. 12 (type *marmoratus*).
Stethaulax Bergroth 1891 Rev. Ent. X. 235; Schouteden 1904 op. cit. 57 (new name).

1 **marmoratus**

Tetyra marmorata Say 1831 Descr. Het. Hem. p. 2; and 1859 Compl. Writ. I. 310.

Atlantic Coast of the United States; Texas; California.

Aulacostethus simulans Uhler 1876 Bull. U. S. Geol. Surv. II. 272.

Sphyrocoris.

Mayr 1864 Verh. zool. bot. Ges. Wien XIV. 904; Van Duzee 1904 op. cit. 15; Schouteden 1904 Gen. p. 58 (type *obliquus*).

1 **elongatus**

Sphyrocoris elongatus Distant 1880 B. C. A. Het. I. 21, Pl. 2. f. 6.

Mexico; Panama.

2 **obliquus**

Pachycoris obliquus Germar 1839 Zeitschr. Ent. I. 94; H-S. 1839 Wanz. V. 54, f. 491.

N. America; (Arizona; Florida; Texas; St. Vincent; Haiti; Grenada; Martinique; Costa Rica; Guatemala; L. Cal.; Colombia.

P. delineatus Walker 1867 Cat. Het. I. 48.

3 **punctellus**

Homaemus punctellus Stål 1862 Stett. E. Z. XXIII. 81.
Sphyrocoris do. Stål 1870 Svensk. Vet. Ak. Handl. 9. no. 1. p. 15; Distant 1880 l. c., Pl. 2. f. 5.

Mexico.

var. (b) *sanguineoconsersa* nov. nom. = var. b. Stål l. c.

var. (c) *pallidomaculata* nov. nom. = var. c. Stål l. c.

var. (d) *nigricans* nom. nov. = var. d. Stål l. c.

Homaemus.

Dallas 1851 List 4 a. 36; Stål 1867 O. V. A. F. XXIV. 494; Van Duzee 1904 op. cit. 13; Schouteden 1904 op. cit. 59 (type *exilis* = *aeneifrons*).

1 **aeneifrons**

Scutellera aeneifrons Say 1824 Long's Narr. Exp. Source St. Peter's River II. 299; and 1859 Compl. Writ. I. 199.

North America; Mexico; Guatemala.

Pachycoris exilis H-S. 1837 Wanz. IV. 5, f. 346.

Homaemus aeneifrons Uhler 1877 Bull. U. S. Geol. Surv. III. 365; Van Duzee l. c.

H. aenifrons Schouteden l. c. (laps. cal.).

2 **bijugis**

Homaemus bijugis Uhler 1872 Rep. U. S. Geol. Survey V. 393; Van Duzee 1904 l. c.; Schouteden 1904 op. cit. 60, Pl. 5. f. 1.

Iowa; Dakota; Nebraska; Nevada; Colorado; Utah.

3 **consors**

Homaemus consors Uhler 1876 Bull. U. S. Geol. Surv. II. 272; Van Duzee 1904 op. cit. 14.

("United States.")

4 **fumeus**

Homaemus fumeus Distant 1889 B. C. A., Het. I. 314, Pl. 30. f. 7.

Mexico.

5 **parvulus**

Tetyra grammica Wolff 1811 Ic. Cim. 169, f. 166 (not Linneus).
Pachycoris parvulus Germar 1839 op. cit. 107; H-S. 1839 op. cit. V. 54, f. 501.

N. Carolina to Florida and West to Texas and Mexico; Colorado; Kansas.

Homaemus grammicus Van Duzee l. c.

6 **proteus**

Homaemus proteus Stål 1862 Stett. E. Z. XXIII. 82; Distant 1880 B. C. A. Het. I., Pl. 2. f. 3 a. 4; Van Duzee 1904 op. cit. 15.

Texas; [Iowa?]; California; Arizona; N. Mexico; Lower California; Mexico; Costa Rica; Colombia; Jamaica.

7 **retostus**

Homaemus retostus Distant 1889 op. cit. 314, Pl. 30. f. 6.

Mexico.

Symphylus.

Symphylus Dallas 1851 List 5 a. 37; Stål 1867 O. V. A. F. XXIV. 495; Schouteden 1904 Gen. Ins., fasc. 24. p. 60 (type *obliquus*). *see p. 365*

Symphylus Schouteden 1904 op. cit. p. 45.

1 **affinis**

Tetyra affinis Fabricius 1803 Syst. Rh. 137.

Pachycoris do. Schiødte (1843?) Nat. Tidsskr. IV. 299.

Symphylus do. Stål 1868 Svensk. Vet. Ak. Handl. 7. no. 11. p. 14.

Antilles["S. America"].

2 **albomaculatus**

Symphylus albomaculatus Distant 1889 op. cit. 315, Pl. 30. f. 8.

Panama.

3 **caribbeanus** nom. nov.

Scutellera obliqua Guérin 1857 Sagra, Hist. Cuba, Ins. 362 (not Germar).

Cuba. *F/a*

4 **cyphonoides**

Pachycoris cyphonoides Walker 1867 op. cit. 50.

Symphylus vernus Distant 1889 l. c., Pl. 29. f. 25.

S. cyphonoides (!) Schouteden 1904 op. cit. 61 (laps. cal.).

Mexico; Panama; N. Brazil.

5 **deplanatus**

Pachycoris deplanatus H-S. 1837 op. cit. IV. 3, f. 344.

P. knochii Germar 1839 op. cit. 98.

Symphylus deplanatus Distant 1880 op. cit., Pl. 1. f. 12 a. 13. var. (b) **apicifera**

Symphylus apicifer Walker 1868 op. cit. III, 516.

S. deplanatus var. *apicifer* Schouteden 1904 l. c., Pl. 4. f. 7.

var. (c) **bipustulata**

Symphylus bipustulatus Walker 1868 op. cit. 517.

Mexico; Br. Honduras; Guatemala; Jamaica; St. Vincent; Grenada; Panama; N. Brazil.

6 ? **divergens**

Symphylus divergens Walker l. c.

N. Brazil.

7 **enac**

Symphylus enac Breddin 1904 Soc. Ent. XIX. 49.

Bolivia.

8 **infumatus**

Symphylus infumatus Uhler 1863 P. E. S. Philad. II. 361.

S. infumatus Leth. et Sev. 1893 Cat. I. 37 (laps. cal.).

Mexico.

9 **lativittatus**

Symphylus lativittatus Breddin 1903 op. cit. XVIII. 57.

Ecuador.

10 **leucospilus**

Pachycoris leucospilus Walker 1867 op. cit. I. 51.

Brazil.

11 **luminosus**

Pachycoris luminosus Germar 1839 Zeitschr. Ent. I. 95; H-S. 1839 Wanz. V. 6, f. 461.

Mexico.

12 **modestus**

Symphylus modestus Distant 1880 op. cit. 23, Pl. 2. f. 8.

Guatemala; Panama.

13 **obtus**

Symphylus obtusus Dallas 1851 List 37.

S. gibbosus Distant 1880 op. cit. 23, Pl. 3. f. 2.

Mexico; Panama; Colombia.

14 **poecilus**

Symphylus poecilus Dallas 1851 List op. cit. 38, Pl. 1. f. 6.

N. Brazil.

15 **ramivitta**

Symphylus ramivitta Walker 1868 op. cit. III. 518; Distant 1889 op. cit., Pl. 29. f. 23; Schouteden 1904 l. c., Pl. 4. f. 8.

Br. Honduras; N. Brazil.

16 **rivulosus**

Pachycoris rivulosus Walker 1867 op. cit. I. 51.
Symphylus plugiatus Walker 1867 op. cit. 55; Distant 1880 op. cit., Pl. 2. f. 7.

Mexico; Guatemala; Nicaragua; Panama; N. Brazil.

17 **signoreti**

Symphylus signoreti Distant 1880 op. cit. 23, Pl. 2. f. 9.

Mexico.

Galeacius.

Distant 1889 B. C. A., Het. I. 316; Schouteden 1904 Gen. Ins., fasc. 24. p. 61 (type *tessellatus*).

1 **martini**

Galeacius martini Schouteden 1904 A. S. E. Belg. XLVIII. 299; and Gen. p. 62, Pl. 4. f. 5.

S. Brazil (Minas Geraes).

2 **simplex**

Galeacius simplex Breddin 1904 Soc. Ent. XIX. 49; Schouteden 1904 l. c., Pl. 4. f. 6.

Peru.

3 **tessellatus**

Galeacius tessellatus Distant 1889 op. cit. 316, Pl. 29. f. 24.

Panama.

Deroplax.

Deroplax Mayr 1864 Verh. zool. bot. Ges. Wien XIV. 905; Stål 1873 Svensk. Vet. Ak. Handl. 11. no. 2. p. 25; Schouteden 1903 Rh. Aeth. I. 68; and 1904 Gen. p. 62 (type *circumducta*).

subgen. (b) **Argocoris**

Argocoris Mayr 1864 l. c. (type *redtenbacheri*).

|| *Sergia* Stål 1865 Hem. Afr. I. 35 a. 56 (type *obesa* = *redtenbacheri*).

subgen. (c) **Xosoplax** nov. nom. (type *silphoides*).

Deroplax subg. *Sergia* Schouteden 1904 op. cit. 63 (not Stål).

(a) subgen. **typ.**1 **afra**

Psacasta afra H-S. 1839 Wanz. V. 47, f. 497.

Sergia do. Stål 1865 Hem. Afr. I. 60.

Deroplax do. Schouteden 1903 Rh. Aeth. I. 75.

Cape Colony; [? Guinean].

2 **caffer**

Pachycoris caffer Germar 1839 Zeitschr. Ent. I. 95.

Odontotarsus obscurus Dallas 1851 List 40.

Eurygaster natalensis Stål 1853 O. V. A. F. X. 211.

Sergia obscura Stål 1865 Hem. Afr. I. 58.

Deroplax caffra Schouteden 1903 op. cit. 73.

Cape Colony; Transvaal.

3 **circumducta**

Pachycoris circumductus Germar 1837 Silb. Rev. Ent. V. 190.

Cape Colony; Transvaal.

4 **diffusa**

Hotea diffusa Walker 1867 Cat. Het. I. 57.

Deroplax do. Distant 1902 Faun. Ind. Rh. I. 66, f. 29.

India [recte S. Africa?].

5 **illota**

Odontotarsus illotus Stål 1858 O. V. A. F. XV. 311.

Sergia illota Stål 1865 Hem. Afr. I. 58.

Deroplax do. Schouteden 1903 Rh. Aeth. I. 76.

Orange River Colony; Transvaal; British Bechuanaland.

6 **nigropunctata**

Sergia nigropunctata Stål 1865 op. cit. 57.

Deroplax do. Stål 1873 Svensk. op. cit. 25.

D. circumducta var. *nigropunctata* Schouteden 1903 op. cit.

73, Pl. II. f. 2.

Continental Ethiopian Region.

var. **picea***Hotea picea* Walker 1867 op. cit. 56,*Deroplax circumducta* Schouteden 1903 op. cit. 71 (not Germar).(b) subgen. **Argocoris**.7 **redtenbacheri***Argocoris redtenbacheri* Mayr 1864 Verh. zool. bot. Ges. Wien XIV. 905.*Sergia obesa* Stål 1865 Hem. Afr. I. 57.*Deroplax redtenbacheri* Schouteden 1903 op. cit. 70 (laps. cal.).Ivory Coast; Senegal;
Nubia.(c) subgen. **Xosoplax**.8 **nigrofasciata***Deroplax nigrofasciata* Distant 1898 A. M. N. H. (7) II. 310;
Schouteden 1903 op. cit. 77, Pl. II. f. 3.

Nyasaland.

9 **silphoides***Cimex silphoides* Thunberg 1783 Nov. Ins. Spec. II. 29.*Sergia do.* Stål 1865 op. cit. 59.*Deroplax do.* Schouteden 1903 op. cit. 78.Continental Ethio-
pian Region.var. (b) **coquerelii***Odontotarsus coquerelii* Signoret 1861 A. S. E. France (3)
VIII. 918, Pl. 13, f. 1.(with the type, also
Madagascar.)*Sergia do.* Stål 1865 op. cit. 59.var. (c) **stigmata** nom. nov.

— — Stoll Pun. f. 21.

(with the type.)

|| *Cimex stigma* Fabricius 1798 Ent. Syst. Suppl. 528.var. (d) **schoutedeni** nov.*Deroplax silphoides* var. Schouteden 1903 op. cit. 80.

Somaliland.

§§ Schouteden 1903 op. cit. 94, Pl. III. f. 7 (n.).

Diolcus.Mayr 1864 Verh. zool. bot. Ges. Wien XIV. 904; Stål 1867 O. V. A. F. XXIV.
493; Schouteden 1904 Gen. Ins. fasc. 24. p. 56 (type *irroratus*).1 **boscii***Cimex boscii* Fabricius 1798 Ent. Syst. Suppl. 529; Coque-
bert 1799 Ill. Ins. I. 36, Pl. 9. f. 9.Cuba; Haiti; St. Vin-
cent*Scutellera punctatissima* Pal. Beauv. 1805 op. cit. 32, Pl. 5. f. 3.
*S. boscii*¹⁾ Palisot Beauvois 1805 Ins. Afr. Amér. 233, Hém.
Pl. 5b. f. 5 a. 6.*Pachycoris do.* Germar 1839 Zeitschr. Ent. I. 94.*Symphylus politus* Walker 1868 Cat. Het. III. 518.*Diolcus bosci* Schouteden 1904 op. cit. 57.2 **chrysorrhoeus***Tetyra chrysorrhoea* Fabricius 1803 Syst. Rh. 138.S. Carolina; Florida;
Mississippi; Texas.*Scutellera viridipunctata* Say 1832 Descr. Het. Hem. p. ?;
and 1859 Compl. Writ. I. 310.*Pachycoris chrysorrhoeus* H-S. 1839 Wanz. V. 6, f. 460.3 **irroratus***Cimex irroratus* Fabricius 1775 Syst. Ent. 699.S. Florida; Haiti; [St.
Vincent?]; Jamaica.*Scutellera nebulosa* Pal. Beauv. 1805 op. cit. 32, Pl. 5. f. 4.*S. hebraica* Pal. Beauv. 1805 op. cit. 81, Pl. 7. f. 1.*S. cordigera* Pal. Beauv. 1805 op. cit. 234. Pl. 5b. f. 7.*Pachycoris flavescens* [Westwood] 1837 Cat. Hope I. 12.*P. irroratus* Germar 1839 op. cit. 99; H-S. 1839 op. cit. 55,
f. 500.¹⁾ So Schouteden and others; Germar cites "*Tetyra boscii*" P. B.

P. nebulosus Germar op. cit. 100.

P. hebraicus Germar l. c.

Dialeus irroratus Van Duzee 1907 Bull. Buffalo Soc. VIII. 6.

4 **pusillus**

Diolcus pusillus Berg 1891 An. Soc. Cient. Arg. XXXII. 168.

Uruguay.

5 **variegatus**

Pachycoris variegatus H-S. 1836 op. cit. III. 106, f. 332.

Cuba.

Diolcus do. Schouteden 1904 l. c., Pl. 3rd f. 3.

Misippus.

Stål 1867 O. V. A. F. XXIV. 493; Schouteden 1904 Gen. Ins. fasc. 24. p. 57 (type *variabilis* = *spinolae*).

1 **spinolae**

Chile; Uruguay.

|| *Pachycoris variabilis* Spinola 1852 Gay's Chile, Zool. VII. 118, Pl. 2. f. 2.

Symphylus spinolae Signoret 1863 A. S. E. France (4) III. 542.

Misippus variabilis Berg 1879 Hem. Arg. 27; Schouteden 1904 l. c., Pl. 3. fig. 4.

Coptochilus.

Amyot et Serville 1843 Hém. 47; Schouteden 1904 Gen. Ins. fasc. 24. p. 45 (type *ferrugineus*).

1 **ferrugineus**

Brazil; Bolivia; Argentine.

Coptochilus ferrugineus Amyot et Serville 1843 l. c.; Schouteden 1904 op. cit. 46, Pl. 2. f. 9.

Pachycoris castaneus Dallas 1851 List 35.

2 **lentiginosus**

Argentina.

Coptochilus lentiginosus Berg 1879 op. cit. 26.

Chelyschema.

|| *Achates* Stål 1867 O. V. A. F. XXIV. 492 (type *laevilineatus* = *incarnatus*).

Chelyschema Bergroth 1891 Rev. Ent. X. 235; Schouteden 1904 op. cit. 46 (new name).

1 **incarnata**

Brazil (Rio de Janeiro).

Pachycoris incarnatus Germar 1839 Zeitschr. Ent. I. 91; H-S. 1839 Wanz. V. 9, f. 466.

P. laevilineatus Stål 1860 Svensk. Vet. Ak. Handl. 2. no. 7. p. 7.

2 **leucotelus**

Brazil (Ega).

Pachycoris leucotelus Walker 1867 Cat. Het. I. 52.

3 **neotropicalis**

N. Brazil.

Achates neotropicalis Distant 1899 A. M. N. H. (7) IV. 42.

4 **trinotata**

Guatemala; Brazil (Tapajós).

Pachycoris trinotatus Walker 1867 op. cit. 51.

Achates ramosus Distant 1889 B. C. A., Het. I. 311, Pl. 30. f. 4.

5 **vittata**

Guiana; Brazil (Pará). "S. America."

6 **wolfii**

Tetyra wolfii Fabricius 1803 Syst. Rh. 134.

Pachycoris wolfii Germar 1839 op. cit. 91.

Achates wolfii Stål 1868 op. cit. 7. no. 11. p. 13.

Chelysoma.

|| *Orsilochus* Stål 1867 O. V. A. F. XXIV. 493 (type *variabilis*).

Chelysoma Bergroth 1891 l. c.; Schouteden 1904 op. cit. 52 (new name).

1 **bajulans**

Costa Rica.

Orsilochus bajulans Distant 1900 T. E. S. London 687.

2 **divergens**

Brazil (Amazons).

Symphylus divergens Walker 1868 op. cit. III. 516.

- 3 **diversa**
Orsilochus diversus Distant 1889 B. C. A., Het. I. 312, Pl. 30. f. 12. Guatemala.
- 4 **glirina**
Chelysoma glirina Bergroth 1904 A. S. Belg. XLVIII. 354. Brazil.
- 5 **guttata**
Pachycoris guttatus H-S. 1837 op. cit. IV. 4, f. 345; Germar 1839 op. cit. 96. S. Carolina; Georgia; Florida.
- 6 **leucoptera**
Pachycoris leucopterus Germar 1839 op. cit. 93; H-S. 1839 op. cit. V. 11, f. 469. Brazil; Bolivia; Paraguay; Argentine; Perú.
Chelysoma leucopteron Schouteden 1904 op. cit. 52, Pl. 3. f. 6.
- 7 **scurrilis**
Pachycoris scurrilis Stål 1855 O. V. A. F. X. 181. Mexico; Guatemala; Bolivia.
Orsilochus do. Distant 1880 op. cit. 18, Pl. 2. f. 23.
- 8 **stictica**
Pachycoris sticticus Dallas 1851 List 34. Mexico; Guatemala; Honduras.
Orsilochus do. Distant 1880 l. c., Pl. 2. f. 1.
- 9 **variabilis**
Pachycoris variabilis H-S. 1837 op. cit. IV. 9, f. 353; Germar 1839 op. cit. 88. Mexico; Costa Rica; Colombia; Argentine; Uruguay.
Orsilochus do. Distant 1880 B. C. A., Het. I. 17.
var. (b) **hieroglyphica** nov.
Pachycoris variabilis var. H-S. 1837 op. cit. 10, Pl. 354; Germar op. cit. 89.
var. (c) **complicata**
Pachycoris complicata Uhler 1863 P. E. S. Philad. II. 361.
Orsilochus variabilis var. *complicatus* Distant 1880 op. cit., Pl. 1. f. 8.
var. (d) **marginella**
Pachycoris marginellus Dallas 1851 List 32.
Orsilochus variabilis var. *marginellus* Distant 1880 op. cit. 17.
var. (e) **punctatissima**
Orsilochus variabilis var. *punctatissimus* Distant 1880 l. c., Pl. 1. f. 9.
- Tetyra.**
- Tetyra* Fabricius 1803 Syst. Rh. 123; Stål 1867 O. V. A. F. XXIV. 492; and 1870 Svensk. Vet. Ak. Handl. 9. no. 1. p. 4; Schouteden 1904 Gen. p. 47 (type *arcuata*).
- 1 **antillarum** nom. nov.
|| *Cimex arcuatus* Fabricius 1794 Ent. Syst. IV. 83. S. Florida; Mexico; "Antilles."
Tetyra arcuata Schiödte 1842 Nat. Tidskr. IV. 292; Van Duzee 1904 T. Amer. E. S. XXX. 11.
- 2 **bipunctata**
Pachycoris bipunctatus H-S. 1838 Wanz. IV. 87, f. 420. Maryland; District of Columbia; Texas; Lower California; Mexico. [Australia in error].
Macraulax tristis Uhler 1861 P. E. S. Philad. I. 21. Mexico; Guatemala; Honduras; Columbia; Brazil; Fr. Guiana; Bolivia; Jamaica.
- 3 **pinguis**
Pachycoris pinguis Germar 1839 Zeitschr. Ent. I. 91; H-S. 1839 op. cit. V. 7, f. 462. Mexico; Argentina.
P. farcus Germar 1839 op. cit. 92.
Tetyra farcata Distant 1880 op. cit. 14, Pl. 3. f. 1.
Pachycoris guttipes Walker 1867 op. cit. I. 47.
- 4 **poecila**
Tetyra poecila Berg 1879 Hem. Argent. 22; Schouteden 1904 op. cit. 47, Pl. 3. f. 1.
§ Berg 1879 Hem. Arg. 24 (n.).

Foodplants: *Acacia cavenia* and *farnesiana*; *Cestrum pseudo-quina*; *Gleditschia triacantha*; *Solanum bonariense*.

5 **robusta**

Tetyra robusta Uhler 1897 T. Maryland Ac. Sci. I. 383.

Arizona; Mexico.

Thanasimosphaeria gen. nov.

Differs from *Tetyra* by the proportions of the antennae and the pronotum. Probably nearer *Poecilocoris*. (Type *hassii*.)

1 **hassii**

Tetyra hassii Heer 1853 Ins. Tertiär. Oening. III. 11.

T. hassei Heer op. cit., Pl. I. f. 4; Pl. VI. f. 3¹).

Tortonian of Baden; [Miocene].

Testrina.

Walker 1867 Cat. Het. I. 61; Schouteden 1904 Gen. p. 48 (type *laticollis*).

1 **laticollis**

Testrina laticollis Walker l. c.

Brazil (Amazons).

Pachycoris.

Burmeister 1835 Handb. Ent. II. 348 a. 391; Stål 1867 O. V. A. F. XXIV. 492; and 1870 Svensk. Vet. Ak. Handl. 9. no. 1. p. 5; Schouteden 1904 op. cit. 48 (type *fabricii* = *torridus*).

1 **burmeisteri**

Pachycoris burmeisteri Heer 1865 Urw. Schweiz, f. 298;

Scudder 1891 Bull. U.S. Geol. Surv. no. 71. p. 427 (refs.).

Tortonian of Baden; [Miocene].

2 **chrysomelinus**

Pachycoris chrysomelinus Walker 1867 op. cit. 52.

Ecuador.

3 **discrepans**

Pachycoris discrepans Uhler 1875 P. Boston S. N. H. XVII. 232.

Perú.

4 **escheri**

Pachycoris escheri Heer 1853 Ins. Tertiär. Oening. III. 10, Pl. VI. f. 2.

Tortonian of Baden; [Miocene].

5 **fabricii**

Cimex fabricii Linneus 1771 Mant. Plant. II. 534.

Scutellera do. Palisot Beauv. 1805 Ins. Afr. Amér. 31, Hém. Pl. 5. f. 1 a. 2.

Pachycoris guttula H-S. (May) 1837 op. cit. IV. 7, f. 350; Germar 1839 op. cit. 86; Amyot et Serville 1843 Hém. 39.

Haiti; Cuba. [Brazil?].

P. nitens [Westwood] 1837 Cat. Hope I. 12.

P. pumila [Westwood] l. c.

P. angularis Germar 1839 op. cit. 87.

P. fabricii Schouteden 1904 op. cit. 49, Pl. 3. f. 2.

§ Westring 1858 Götheborgs Vet. Handl. (2) IV. 48 a. 54. (stridulation).

§ Handlirsch 1900 Ann. Hofmus. Wien XV. 131 (do.).

6 **germari**

Pachycoris germari Heer 1853 op. cit. 9, Pl. 1. f. 1; Pl. VI. f. 1.

Tortonian of Baden; [Miocene].

Mexico; Costa Rica.

7 **klugii**

Pachycoris klugii Burmeister 1835 op. cit. 392.

P. klugi Breddin 1906 Wien. E. Z. XXV. 189, f. 2.

¹) Heer's restoration of this species, is apparently faulty.

- P. dissociatus* Uhler 1861 P. E. S. Philad. I. 21; Distant 1880 op. cit. 16.
 var. (b) *laetissima* Breddin op. cit. 191.
 var. (c) *moestissima* Breddin l. c.
- 8 **nitidiventris** Costa Rica.
Pachycoris torridus Distant 1880 op. cit., Pl. 1. f. 1 a. 2 (not Scopoli).
P. nitidiventris Breddin 1906 op. cit. 189, f. 1.
- 99 **obscuratus** "S. America."
Pachycoris obscuratus H-S. 1833 op. cit. IV. 86, f. 419.
- 10 **protogaues**
Pachycoris protogaues Heer 1853 op. cit. 126, Pl. 14. f. 20.
P. protogaues Giebel 1856 Ins. Vorwelt. 335.
 Tortonian of Baden; [Miocene].
- 11 **ruth** Bolivia.
Pachycoris ruth Breddin 1903 Sb. Ges. Freunde Berlin 366.
- 12 **torridus** [? California]; Lower California; Mexico; Colombia; Guiana; Bolivia; Paraguay; Argentine.
Cimex torridus Scopoli 1772 Annus V. 110.
Pachycoris fabricii Burmeister 1835 l. c.; Hahn 1836 Wanz. III. 27, f. 249 (not Linneus).
P. torridus Breddin 1906 op. cit. 190, f. 3; Berg 1879 Hem. Arg. 25; Distant 1880 op. cit. 14.
 var. (b) **aquila**
Pachycoris aquila H-S. 1839 op. cit. V. 7, f. 463.
P. torridus (var. i) Distant 1880 op. cit. 16, Pl. 1. f. 7.
 var. (c) **decorata**
Scutellera decorata Perty 1833 Del. Ann. 164, Pl. 33. f. 1.
Pachycoris klugii H-S. 1837 op. cit. IV. 5, f. 347 (not Burmeister).
P. torridus (var. f—h) Distant op. cit. 15, Pl. 1. f. 5 a. 6.
 var. (d) **linnaei**
Pachycoris linnaei [Westwood] 1837 l. c.
P. stollii Uhler 1863 P. E. S. Philad. II. 159.
 var. (e) **schäfferi**
Pachycoris klugii H-S. 1837 l. c., f. 348 (not Burmeister).
P. torridus (var. d) Distant op. cit., f. 3.
P. schäfferi Schouteden 1904 l. c.
 var. (f) **schousboei**
Tetyra schousboei Fabricius 1803 Syst. Rh. 132.
Pachycoris fabricii H-S. 1837 op. cit. IV. 6, f. 349 (not Linneus).
P. schousboei Germar 1839 op. cit. 83.
 §§ Handlirsch 1900 Ann. Hofmus. Wien XV. 132, textfs. 5—7, Pl. VII. figs. 1—2 (stridulation).
- 13 **wilsonii** Cuba.
Pachycoris wilsonii Uhler 1863 P. E. S. Philad. II. 159.

Polytes.

- Stål 1867 O. V. A. F. XXIV. 492; and 1870 Svensk. Vet. Ak. Handl. 9. no. 1. p. 7;
 Schouteden 1904 Gen. p. 49 (type *hebraicus* = *lineolatus*).
- 1 **cingulicornis** Brazil.
Polytes cingulicornis Bergroth 1904 A. S. E. Belg. XLVIII. 354.
- 2 **fenestra** Perú.
Polytes fenestra Breddin 1903 Soc. Ent. XVIII. 122; Schouteden 1904 op. cit., Pl. 3. f. 4.
- 3 **granulatus** Ecuador.
Symphylus granulatus Walker 1868 op. cit. III. 516.

- 4 **grisescens**
Polytes grisescens Breddin 1904 Soc. Ent. XIX. 49. Perú.
- 5 **inca**
Polytes inca Distant 1899 A. M. N. H. (7) IV. 41. Perú.
- 6 **insignis**
Polytes insignis Schouteden 1904 A. S. E. Belg. XLVIII. 298; Schouteden 1904 op. cit., Pl. 3. f. 3. Bolivia.
- 7 **lineolatus**
Pachycoris lineolatus Dallas 1851 List 33. Colombia.
Polytes hebraicus Stål 1867 l. c. (not Pal. B.).
- 8 **obscurus**
Pachycoris obscurus Dallas op. cit. 34. Colombia; Brazil.
- 9 **onça**
Polytes onça Breddin 1904 l. c. Perú.
- 10 **propinquus**
Pachycoris propinquus Walker 1867 op. cit. I. 50. Venezuela.
- 11 **tigrinus**
Pachycoris tigrinus Vollenhoven 1868 Versl. Ak. Amst. (2) II. 176. Colombia.
Polytes lineosus Stål 1870 Svensk. Vet. Ak. Handl. 9. no. 1. p. 8.
- 12 **velutinus**
Pachycoris velutinus Dallas 1851 op. cit. 33. Venezuela.

Macraulax.Dallas 1851 List 5 a. 36 (type "*bipunctatus*").

- 1 **sp.?**
Macraulax bipunctatus Dallas op. cit., Pl. 1. f. 4 (not descr.). [?] Australia.

Polytodes.Horváth 1892 Termész. füzet. XV. 254; Schouteden 1903 Rh. Aeth. I. 61; and 1904 Gen. Ins., fasc. 24. p. 50 (type *ochraceus*).

- 1 **ochraceus**
Polytodes ochraceus Horváth op. cit. 255; Schouteden 1903 Rh. Aeth. I. 61, Pl. I. f. 12. [? C. Africa — probably S. America, sec. Schouteden].

Ascanius.Stål 1867 O. V. A. F. XXIV. 492; and 1870 Svensk. Vet. Ak. Handl. 9. no. 1. p. 8; Schouteden 1904 Gen. p. 51 (type *hirtipes*).

- 1 **atomarius**
Pachycoris atomarius Germar 1839 Zeitschr. Ent. I. 96; H-S. 1839 Wanz. V. 10, f. 468. Mexico; Brazil.
- 2 **cassidoides**
Pachycoris cassidoides Walker 1867 Cat. Het. I. 48. Haiti.
- 3 **hirtipes**
Pachycoris hirtipes H-S. 1836 op. cit. III. 97, f. 322; Germar 1839 op. cit. 97. Brazil; Paraguay; Argentine.
P. piperitia [Westwood] 1837 Cat. Hope I. 13.
Ascanius hirtipes Schouteden 1904 l. c., Pl. 3. f. 5.
§ Westring 1858 Götheborgs Vet. Handl. (2) IV. 49 (stridulation).
§ Handlirsch 1900 Ann. Hofmus. Wien. XV. 131 (do.).

Chelycoris.

|| *Demoleus* Stål 1867 O. V. A. F. XXIV. 493 (type *oblongus* = *scitulus*).
Chelycoris Bergroth 1891 Rev. Ent. X. 235; Schouteden 1904 Gen. p. 53 (new name).

- 1 **haglundii** *Demoleus haglundii* Montandon 1895 Boll. Mus. Torino X. no. 210. p. 2. Perú; Paraguay.
- 2 **lethierryi** *Demoleus lethierryi* Montandon 1895 op. cit. 3. Perú.
Chelycoris do. Schouteden l. c., Pl. 3. f. 7.
- 3 **scitulus** *Agonosoma scitula* Walker 1867 Cat. Het. I. 60. Bolivia; Brazil; Paraguay; North Argentine; Perú.
Demoleus oblongus Haglund 1868 Stett. E. Z. XXIX. 150.

Dystus.

- Stål 1862 Stett. E. Z. XXIII. 82; and 1867 O. V. A. F. XXIV. 494; Schouteden 1904 Gen. p. 53 (type *puberulus*).
- 1 **puberulus** *Dystus puberulus* Stål 1862 Stett. E. Z. XXIII. 83; Distant 1880 B. C. A., Het. I, Pl. 2. f. 2; Schouteden 1904 op. cit. 54, Pl. 3. f. 8. Mexico; Bolivia.
D. villosus Breddin 1904 Soc. Ent. XVIII. 153.

Trichothyreus.

- Stål 1867 O. V. A. F. XXIV. 494; Schouteden 1904 Gen. p. 54 (type *vitticeps*). Colombia; Bolivia.
- 1 **vitticeps** *Trichothyreus vitticeps* Stål 1870 Svensk. Vet. Ak. Handl. 9. no. 1. p. 12; Schouteden l. c., Pl. 3. f. 9.

Camirus.

- || *Zophoëssa* Dallas 1851 List 4 a. 43 (type *porosus*). ~~see p. 265~~
- Camirus* Stål 1862 Svensk. Vet. Ak. Handl. 3. no. 6. p. 57; Schouteden 1904 Gen. p. 55.
- 1 **brevilinea** *Bolbocoris brevilinea* Walker 1867 Cat. Het. I. 63. Brazil.
- 2 **conicus** *Pachycoris conicus* Germar 1839 Zeitschr. Ent. I. 106; H-S. 1839 Wanz. V. 55, f. 492. Mexico; Guatemala; Br. Honduras; Colombia; British Guiana; Panama.
Camirus do. Stål 1862 l. c.; Schouteden 1904 l. c., Pl. 4. f. 1.
Symphylus oculatus Walker 1868 op. cit. III. 519.
- 3 **consocius** *Zophoëssa consocia* Uhler 1876 Bull. U. S. Geol. Surv. I. 274. Arizona; Texas; California.
- 4 **impressicollis** *Camirus impressicollis* Stål 1862 l. c. Brazil (Rio Janeiro).
- 5 **moestus** *Zophoëssa moesta* Stål 1862 Stett. E. Z. XXIII. 83; Distant 1880 op. cit., Pl. 2. f. 11. Mexico.
- 6 **porosus** *Pachycoris? porosus* Germar 1839 op. cit. 108. Vancouver Is.; California; Texas; E. Florida; Lower California; Guatemala; Colombia.
Zophoëssa porosa Dallas 1851 List, Pl. 1. f. 7.
Camirus pullatus Distant 1889 op. cit. 316, Pl. 30. f. 9.
- 7 **socius** *Zophoëssa socia* Stål 1862 op. cit. 84; Distant 1880 op. cit., Pl. 2. f. 10. Mexico.

Acantholoma.

- Stål 1867 O. V. A. F. XXIV. 491; Schouteden 1904 Gen. p. 55 (type *denticulata*). Kansas; Illinois.
- 1 **denticulata** *Acantholoma denticulata* Stål 1870 Svensk. Vet. Ak. Handl. 9. no. 1. p. 17; Schouteden 1904 op. cit. 56, Pl. 4. f. 2.

Tribe 3.

Scutellerini.

A majority (about thirds) of the forms of this beautiful tribe is insular, the Austromalayan subregion being the territory richest in them. The tribe is entirely palaearctic, except for *Augocoris*, which however is probably Tetyrine.

Genera	Australasian			Oriental			Ethiopian		Palaearectic		America		Total Species
	Australia	New Zealand	Austro-Malayan	Indo-Malayan	Indo-Chinese	Philippines	Continental	Mascarene	Palaearectic proper	Manchurian	America (excl. Chile)	Chile & South Patagonia	
<i>Augocoris</i>	—	—	—	—	—	—	—	—	—	—	7	—	7
<i>Cryptacrus</i>	—	—	—	—	—	—	2	—	—	—	—	—	2
<i>Gonaulax</i>	—	—	—	—	—	—	2	—	—	—	—	—	2
<i>Anoplogonius</i>	—	—	—	—	—	—	1	—	—	—	—	—	1
<i>Graptocoris</i>	—	—	—	—	—	—	1	—	—	—	—	—	1
<i>Choerocoris</i>	3	—	1	—	—	—	—	—	—	—	—	—	3
<i>Chrysocoris</i>	—	—	9	20	21	3	—	—	1	—	—	—	38
<i>Calliphara</i>	1	—	15	3	3	—	—	—	—	—	—	—	18
<i>Lampromicra</i>	3	—	15	2	—	2	—	—	—	—	—	—	21
<i>Lamprocoris</i>	—	—	—	3	3	—	—	—	—	—	—	—	5
<i>Graptophara</i>	—	—	—	1	—	—	—	—	—	—	—	—	1
<i>Calliscyta</i>	2	—	—	—	—	—	—	—	—	—	—	—	2
<i>Calidea</i>	—	—	—	—	—	—	6	1	—	—	—	—	7
<i>Procilia</i>	—	—	—	—	—	—	2	—	—	—	—	—	2
<i>Brachyaulax</i>	—	—	2	1	2	1	—	—	—	—	—	—	4
<i>Scutellera</i>	—	—	1	2	2	—	—	—	—	—	—	—	3
<i>Tetrarthria</i>	—	—	1	2	1	1	—	—	—	—	—	—	3
<i>Poecilocoris</i>	—	—	—	4	14	1	—	—	—	1	—	—	19
<i>Tectocoris</i>	1	—	1	1	1	1	—	—	—	—	—	—	1
<i>Cantao</i>	2	—	4	1	1	1	—	—	—	—	—	—	6
<i>Scutiphora</i>	1	—	1	—	—	—	—	—	—	—	—	—	1
	13	—	50	40	48	12	14	1	—	2	7	—	147

Total: Australasian 63; Oriental 100; Ethiopian 15; Palaearectic 2; America 7.

Augocoris.

Burmeister 1835 Handb. Ent. II. 349 a. 396; Stål 1867 O. V. A. F. XXIV. 494; and 1870 Svensk. Vet. Ak. Handl. 9. no. 1. p. 18; Schouteden 1904 Gen. p. 41 (type *gomesii*).

1 *ehrenbergii*

Augocoris ehrenbergii Germar 1839 op. cit. 140; Distant 1880 op. cit. 25, Pl. 1. f. 10 a. 11.

A. olivaceus A. White 1842 T. E. S. London III. 84; Berg 1879 Hem. Arg. 30.

Mexico; Guatemala; Brazil; Argentina.

2 *gomesii*

Augocoris gomesii Burmeister 1835 op. cit. 396; Germar 1839 op. cit. 139, Pl. I. f. I; Blanchard 1840 Hist. Ins. 159, Pl. 8. f. 5; Amyot et Serville 1843 Hém. 37, Pl. 1. f. 8; Stål 1870 op. cit. 19.

A. gigas [Westwood] 1837 Cat. Hope I. 16.

var. (b) *flavescens* nom. nov.

= var. b. Stål l. c.

var. (c) *aeneonigra* nom. nov.

= var. c. Stål l. c.

Mexico; Venezuela; Dutch Guiana; Brazil (Para, Bahia).

3 **illustris**

- || *Cimex 6-punctatus* Fabricius 1781 Spec. Ins. II. 339.
C. illustris Fabricius op. cit. 340.
C. cretaceus Panzer 1797 Voet, Hartschaal. Ins. IV. 110,
 Pl. 47. f. 8.

Augocoris beskii Burmeister 1835 l. c.

A. beskii Germar 1839 op. cit. 140.

A. gomesii H-S. 1838 op. cit. IV. 92, f. 431 (not Burmeister).

A. sexpunctatus Berg 1879 Hem. Arg. 29.

var. (b) **pallida**

Scutellera pallida Palisot 1805 Ins. Afr. Amér. 234, Hém.

Pl. 5b. f. 8.

Augocoris unicolor Burmeister 1835 l. c.; Germar 1839 op.
 cit. 141.

A. pallidus H-S. 1836 op. cit. III. 107, f. 333.

4 **nigripennis**

Augocoris nigripennis Dallas 1851 List 10; Schouteden 1904
 op. cit. 42, Pl. 2. f. 8.

5 **poeyi**

Augocoris poeyi Uhler 1863 P. E. S. Philad. II. 158.

6 **rufus**

Augocoris rufus Dallas 1851 op. cit. 11.

7 **rugulosus**

Augocoris rugulosus H-S. 1839 Wanz. IV. 92, f. 432.

Pachycoris quadristriga Walker 1867 Cat. Het. I. 52.

Mexico; Costa Rica;
 Cuba; Puerto Rico;
 Panama; Brazil;
 Paraguay; Uru-
 guay; Argentine.

Venezuela.

Cuba.

Colombia.

Brazil (Amazons).

Cryptacrus.

Mayr 1864 Verh. zool. bot. Ges. Wien XIV. 904; Schouteden 1903 Rh. Aeth. I. 47
 textf. 12; and 1904 Gen. p. 41, (type *comes*).

1 **comes**

Tetyra comes Fabricius 1803 Syst. Rh. 130.

Graptocoris do. Stål 1865 Hem. Afr. I. 38.

Cryptacrus do. Schouteden 1903 Rh. Aeth. I. 48.

var. (b) **pinguis**

Scutellera pinguis Germar 1837 Silb. Rev. Ent. V. 191.

Pachycoris rufilabris Germar 1839 Zeitschr. Ent. I. 88, Pl.
 I. f. II.

Graptocoris pinguis Stål 1865 l. c.

Cryptacrus comes var. *pinguis* Schouteden 1903 op. cit. 49.

var. (c) **princeps**

Cryptacrus princeps Horváth 1892 Termész. füzet. XV. 256.

var. (d) **rufopicta**

Callidea rufopicta Walker 1867 Cat. Het. I. 25.

Cryptacrus comes var. *rufopictus* Schouteden 1903 op. cit. 50,
 Pl. I. f. 11.

2 **novemmaculatus**

Callidea novemmaculata Signoret 1851 Rev. Mag. Zool. III.
 439, Pl. 12. f. 2.

Graptocoris novemmaculatus Stål 1865 op. cit. 39.

Cryptacrus do. Schouteden 1903 op. cit. 51.

French and Belgian
 Kongo; Kamerun
 Guinea.

Gonaulax.

Schouteden 1903 Rh. Aeth. I. 26 a. 57; and 1904 Gen. Ins., fasc. 24. p. 40 (type
bergrothi).

1 **bergrothi**

Gonaulax bergrothi Schouteden 1903 Rh. Aeth. I. 57 a. 59,
 Pl. I. f. 8, and textf. 15.

German East Africa

2 **grandis**

Graptocoris grandis Distant 1899 A. M. N. H. (7) IV. 40.
Gonaulax do. Schouteden 1903 op. cit. 58, Pl. 2. f. 14, and
 textf. 14.

Kamerun; Togoland;
 Belgian Kongo.

Anoplogonius.

Stål 1873 Svensk. Vet. Ak. Handl. 11. no. 2. p. 10 a. 23; Schouteden 1903 Rh.
 Aeth. 1. 52; and 1904 Gen. p. 39 (type *nigricollis*).

1 **nigricollis**

Chloerocoris nigricollis Signoret 1853 Thoms. Arch. Ent. II.
 270, Pl. 11. f. 1.

Graptocoris do. Stål 1864 Hem. Afr. I. 40.

Anoplogonius do. Schouteden 1903 Rh. Aeth. I. 52.

Ashanti; Togoland;
 Calabar; Kongo;
 Ivory Coast; Kamerun; Natal.

var. (b) **erotyloides**

Cryptacrus erotyloides Walker 1867 op. cit. 11.

Anoplogonius nigricollis var. *erotyloides* Schouteden 1903
 op. cit. 54, Pl. I. f. 10.

var. (c) **silphoides**

Cryptacrus silphoides Walker 1867 op. cit. 12.

Graptocoris.

Stål 1865 Hem. Afr. I. 34 a. 37; Schouteden 1903 Rh. Aeth. I. 54; and 1904 Gen.
 p. 39 (type *aulicus*).

1 **aulicus**

Pachycoris aulicus Germar 1837 Rev. Ent. V. 189; H-S. 1839
 Wanz. V. 10, f. 467.

Graptocoris do. Stål 1865 Hem. Afr. I. 40; Schouteden 1903
 Rh. Aeth. I. 55, f. 13.

Natal; Cape Colony;
 Transvaal; German
 East Africa.

var. (b) **ornata**

Pachycoris ornatus Germar 1837 op. cit. 190.

var. (c) **personata**

Choerocoris personatus Stål 1853 O. V. A. F. X. 210.

Cryptacrus signifer Walker 1867 op. cit. 11.

Graptocoris aulicus var. *personatus* Schouteden 1903 op. cit.
 56, Pl. 1. f. 9.

Choerocoris.

Tetyra Amyot et Serville 1843 Hém. 46 (not Fabr.).

Choerocoris Dallas 1851 List 4 a. 29; Stål 1873 Svensk. Vet. Ak. Handl. 11. no. 2.
 p. 13 (type *paganus*).

Chaerocoris Stål 1865 Hem. Afr. I. 34; Schouteden 1904 Gen. p. 38 (laps. cal.).

1 **paganus**

Cimex paganus Fabricius 1775 Syst. Ent. 698; Donovan 1805
 Ins. New Holland, Hem., Pl. 3. f. 4.

Scutellera pagana Boisduval 1835 Voy. Astrolabe, Ent. II.
 625, Pl. 11. f. 4; Guérin 1838 Voy. Coquille, Ins. 156,
 Pl. 11. f. 5.

Tetyra do. Amyot et Serville 1843 Hém. 47, Pl. 1. f. 6.

Choerocoris paganus Stål 1873 l. c.

Chaerocorus do. Froggatt 1902 Agr. Gaz. N. S. Wales XII.
 4, Pl. f. 7 (laps. cal.).

Chaerocoris do. Froggatt 1907 Austral. Ins. 327, Pl. XXXI.
 f. 4; Schouteden 1904 op. cit., Pl. 2. f. 7 (laps. cal.).

Foodplant: *Dodonaea triquetra*; crawls about on the ground
 and is sometimes fossorial in soft sandstone.

[Java in error.]
 Queensland; N. S.
 Wales; S. Australia;
 W. Australia;
 Tasmania; Carteret
 Isles (Havre);
 New Ireland.

2 **similis**

Choerocoris similis Distant 1899 A. M. N. H. (7) IV. 34.

Chaerocoris do. Froggatt 1907 l. c. (laps. cal.).

N. S. Wales; S. Australia.

3 **variegatus**

Choerocoris variegatus Dallas 1851 op. cit. 30, Pl. 1. f. 3;
Stål 1873 l. c.

W. Australia. [? New
Caledonia].

Chrysocoris.

Chrysocoris Hahn 1834 Wanz. II. 38; Stål 1865 Hem. Afr. I. 34; and 1873 Svensk. Vet. Ak. Handl. 11. no. 2. p. 20; Schouteden 1904 Gen. Ins. fasc. 24. p. 34 (type *stollii* = *abdominalis*).

Galostha Amyot et Serville 1843 Hém. 33 (type *stockerus* = *abdominalis*).
subg. (b) **Chlorolampra** (subg.) Stål 1873 l. c. (type *germari*).

subgen. (c) **Fitha**

Fitha Walker 1867 Cat. Het. I. 45; Distant 1902 Faun. Ind. Rh. I. 64 (type *ardens*).

Chrysocoris subg. *Chlorochrysa* Stål l. c. (type *stockerus*).

subgen. (d) **Cosmocoris**

Cosmocoris Stål 1865 Hem. Afr. I. 34; Schouteden 1904 Gen. p. 37 (type *sellatus*).

Chrysocoris subg. *Cosmocoris* Stål 1873 Svensk. op. cit. 19.

subgen. (e) **Eucorysses**

Eucorysses Amyot et Serville 1843 Hém. 31; Schouteden 1904 Gen. p. 33 (type *pallens* = *grandis*).

Chrysocoris subg. *Eucorysses* Stål 1873 op. cit. 18.

(a) subgen. **typ.**1 **abdominalis**

Chrysocoris stollii Hahn 1834 op. cit. 39; f. 136 (not Wolff).

Callidea abdominalis [Westwood] 1837 Cat. Hope I. 15
(nov. nom.).

Scutellera dilaticollis Guérin 1838 Voy. Coquille, Ins. 160
a. 164.

Galostha stockerus Amyot et Serville 1843 op. cit. 34 (not
Linneus).

Callidea dilaticollis Vollenhoven 1863 Faune Ent. Indo-néerl.
I. 28, Pl. 2. f. 8.

Chrysocoris do. Breddin 1899 Beih. Jb. Hamb. Wiss. Anst.
XVI. (2) 160; Distant 1902 Faun. Ind. Rh. I. 62.

var. (b) **sumatrana**

Callidea sumatrana Vollenhoven l. c., Pl. 2. f. 9.

§ Breddin 1905 Beih. Jb. Hamb. Wiss. Anst. XXII. (2) 113 (n.).

2 **aeolicus**

Cimex eques Fabricius 1794 Ent. Syst. IV. 79.

Galostha do. Amyot et Serville 1843 op. cit. 33.

Chrysocoris do. Distant 1902 op. cit. 61.

var. (b) **formosa**

Callidea formosa [Westwood] 1837 l. c.

C. dorsalis A. White 1842 Grey's Zool. Misc. II. 80.

Chrysocoris eques var. *formosus* Schouteden 1904 Gen. p. 37,
Pl. 2. f. 3.

var. (c) **nicobarensis**

† *Chrysocoris nicobarensis* Atkinson 1887 P. Asiat. S. Bengal
LVI (2) 13.

C. nicobaricus Atkinson 1887 J. op. cit. 180.

var. (d) **schwaneri**

Callidea schwaneri Vollenhoven 1863 op. cit. 26, Pl. 2. f. 7.

(b) subgen. **Chlorolampra.**3 **germari**

Scutellera germari Eschscholtz 1823 Dorpat. Nat. Abh. I. 156,
Pl. 2. f. 1.

Callidea do. H-S. 1836 Wanz. III. 102, f. 327.

Chrysocoris do. Stål 1873 Svensk. op. cit. 20.

India; Tenasserim;
China (Hongkong);
Sumatra; Malacca;
Java; Celebes; Lom-
bok; Sumbawa;
Timor.

India; Burma; Te-
nasserim; Nicobar
Is.; Andamans;
Cochin China;
Banka; Malacca;
Sumatra; Borneo;
China.

Nicobars; Andamans.

Borneo.

Philippines (Luzon).

var. (b) **consul***Callidea consul* Vollenhoven 1863 op. cit. 36.*C. jucunda* Walker 1867 Cat. Het. I. 44.(c) subgen. **Fitha**.4 **andamanensis***Chrysocoris andamanensis* Atkinson 1887 P. As. S. Bengal LVI. (2) 12; and J. A. S. B. op. cit. 177; Distant 1902 Faun. Ind. Rh. I. 60.

Andaman Isles; S. India; Burma.

5 **ardens***Fitha ardens* Walker 1867 Cat. Het. I. 45; Distant 1902 Faun. Ind. Rh. I. 64, f. 27.

India.

6 **atriventris**† *Chrysocoris atriventris* Atkinson 1887 P. As. S. Bengal LVI. (2) 11; and J. op. cit. 171; Distant 1902 op. cit. 56.

India (Panjab).

7 **bilunulatus***Callidea bilunulata* Vollenhoven 1863 Faune ent. indo-néerl. I. 33, Pl. 3. f. 1.

Sumatra.

Chrysocoris bilunulatus Breddin 1900 Stett. E. Z. LXI. 230.8 **bosschei***Callidea bosschei* Vollenhoven 1863 op. cit. 34, Pl. 3. f. 4.

Banka Isl. (off Sumatra).

9 **chrysoprasinus***Callidea chrysoprasina* H-S. 1836 Wanz. III. 103, f. 328.*C. aurifera* [Westwood] 1837 Cat. Hope I. 15.*Scutellera aurata* Guérin 1838 Voy. Coquille, Ins. 159 a. 163.*Chrysocoris chrysoprasinus* Stål 1868 Svensk. Vet. Ak. Handl. 7. no. 11. p. 11.

Java; Flores; Amboina.

C. auratus Stål 1873 op. cit. 11. no. 2. p. 21; Schouteden 1904 Gen. Ins., fasc. 24. p. 35 (list).var. (b) **sanguineiventris***Chrysocoris auratus* var. *sanguineiventris* Breddin 1903 Soc. Ent. XVIII. 59.10 **dissimilis***Chrysocoris dissimilis* Distant 1893 Entom. XXV. Suppl. 97.

Sumba Isl.

11 **fascialis***Callidea fascialis* A. White 1842 T. E. S. London III. 86.*Chrysocoris do.* Distant 1902 Faun. Ind. Rh. I. 60.

N. India; Assam; Burma.

12 **hypherythrus***Callidea hypherythra* Vollenhoven 1863 l. c., Pl. 3. f. 3.*Chrysocoris hypherythrus* Leth. et Sev. 1893 op. cit. 26 (laps. cal.).

Borneo.

13 **hypomelas***Callidea hypomelaena* Vollenhoven 1863 op. cit. 33, Pl. 3. f. 2.*Chrysocoris hypomelaenus* Stål 1873 op. cit. 20 (laps. cal.).

Borneo.

14 **indigofer***Chrysocoris indigoferus* (! sic) Distant 1901 T. E. S. London 582.

Hainan Isl. (off S. China).

15 **marginellus***Callidea marginella* [Westwood] 1837 Cat. Hope I. 15.*C. caelestis* Stål 1855 O. V. A. F. XII. 181.*Chrysocoris nilgiriensis* Atkinson 1889 J. A. S. Bengal LVII. (2) 343.

S. India; Andaman Isles.

C. marginellus Stål 1873 Svensk. op. cit. 21; Distant 1902 op. cit. 59.16 **melanophorus***Callidea melanophora* Walker 1868 Cat. Het. III. 513.*C. sodalis* Walker 1868 l. c.*Chrysocoris melanophara* Schouteden 1904 Gen. Ins., fasc. 24. p. 36 (laps. cal.).

Batchian Is.

- 17 **modestus** Sumatra.
Callidea modesta Vollenhoven 1863 op. cit. 29.
- 18 **ornatus** Assam; China; Malay
 Penin.
Callidea ornata Dallas 1851 List 27.
Chrysocoris ornatus Stål 1873 l. c.; Sharp 1890 T. E. S.
 London 412, Pl. 14. f. 24; Distant 1902 l. c.
- 19 **patricius** S. India; Assam;
 Burma; Ceylon.
 — — Stoll Pun. f. 222 A.
Cimex patricius Fabricius 1798 Ent. Syst. Suppl. 527.
Callidea bengalensis [Westwood] 1837 l. c.
C. basilica Germar 1839 Zeitschr. Ent. I. 117.
Chrysocoris patricius Stål 1873 op. cit. 20; Distant 1902
 op. cit. 57.
- 20 **puella** Cochin China.
Callidea puella Vollenhoven 1868 Versl. Ak. Amst. Nat. (2)
 II. 176.
Chrysocoris puellus (!) Leth. et Sev. l. c. (laps. cal.).
- 21 **pulchellus** Assam; Ceylon.
Callidea pulchella Dallas 1851 op. cit. 25.
Callidea rama W. F. Kirby 1891 J. Linn. S. London, Zool.
 XXIV. 76, Pl. 4. f. 3.
Chrysocoris pulchellus Distant 1902 op. cit. 59.
- 22 **purpureus** S. India.
Cimex stockerus Fabricius 1775 Syst. Ent. 696 (not Linneus).
Callidea purpurea [Westwood] l. c.
 † *Chrysocoris viridis* Atkinson 1887 J. A. S. Bengal LVI. (2) 175.
C. purpureus Stål 1868 Svensk. Vet. Ak. Handl. 7. no. 11.
 p. 10 a. 11; and 1873 op. cit. 11. no. 2. p. 21; Distant
 1902 op. cit. 58.
 § nymphs almost odorless (Distant l. c.).
- 23 **sericeomicans** Flores.
Chrysocoris sericeomicans Breddin 1903 Soc. Ent. XVIII. 58.
- 24 **simplex** S. India.
 † *Chrysocoris simplex* Atkinson 1889 op. cit. LVII. (2) 343;
 Distant 1902 op. cit. 59.
- 25 **stockerus** Ceylon; South India.
 — — Stoll Pun. f. 172 A.
Cimex stockerus, Linneus 1758 Syst. Nat. (Ed. X.) 441.
Callidea taprobanensis [Westwood] l. c.
C. erichsoni Germar 1839 op. cit. 113.
Chrysocoris elatus Stål 1868 op. cit. 7. no. 11. p. 11.
C. stockerus Stål 1873 op. cit. 11. no. 2. p. 20; Distant 1902
 op. cit. 57.
 Foodplant: *Phyllanthus* (on the berries).
- 26 **stollii** N. India; Assam;
 Tenasserim; Bur-
 ma; N. China; S.
 China (Macao); Tai-
 wan [= Formosa];
 Nicobars.
Cimex stollii Wolff 1801 Ic. Cim. II. 48, f. 45.
Scutellera stokerus Guérin 1838 Voy. Coquille Ins. 159 a. 161
 (laps. cal.) (not Linneus).
Callidea do. Westwood 1842 Donovan's Ins. China 48, Pl.
 21. f. 1.
C. porphyricola Walker 1867 op. cit. I. 29.
Chrysocoris stollii Stål 1873 op. cit. 11. no. 2. p. 21; Distant
 1902 op. cit. 58.
 [C. *porphyricolus* (!) Leth. et Sev. l. c. (laps. cal.).
C. stollii Leth. et Sev. op. cit. 28 (refs.)].
 Foodplants: *Glochidion eriocarpum*, *macrophyllum* and *ob-*
scurum; *Psychotria elliptica*.

§§ Kershaw and Kirkaldy 1908 T. E. S. London 59, Pl. IV.

(o—a).

27 **viridiventris**

Chrysocoris viridiventris Breddin 1903 Soc. Ent. XVIII. 74.

Flores.

(d) subgen. **Cosmocoris**.

28 **coxalis**

Callidea coxalis Stål 1864 A. S. E. France (4) IV. 47.

Chrysocoris do. Stål 1873 Svensk. Vet. Ak. Handl. 9. no. 2.

p. 19.

Callidea tessellata Walker 1867 Cat. Het. I. 38.

C. proxima Walker op. cit. 39.

29 **dohrni**

Cosmocoris dohrni Breddin 1900 Stett. E. Z. LXI. 278.

Sumatra; Nias Is.

30 **excavatus**

Scutellera excavata Guérin 1838 op. cit. 160 a. 163.

Callidea gibbosa Vollenhoven 1863 Faune ent. indo-néerl. I. 30,

Pl. 2. f. 10 (new name).

Chrysocoris excavatus Stål 1873 l. c.

Java.

31 **insularis** nov. nom.

|| *Chrysocoris nicobarensis* Distant 1892 Entom. XXV. Suppl. 96; and 1902 Faun. Ind. Rh. I. 56.

Nicobar Isles.

32 **partitus**

Callidea partita Walker 1867 op. cit. 40.

var. **galerucoides**

Callidea galerucoides Walker 1867 op. cit. 43.

Sarawak.

33 **peltophoroides**

Tetrarthria peltophoroides Walker 1867 op. cit. 22.

Callidea celebensis Vollenhoven 1868 Versl. Ak. Nat. Amst. (2) II. 175; and 1869 Tijdschr. Ent. XII. 258, Pl. 11. fig. c.

Celebes; Moluccas (Meisol, Sula).

34 **quadrimaculatus**

Callidea quadrimaculata Vollenhoven 1863 Faune ent. indo-néerl. I. 23, Pl. 2. f. 2.

Tetrarthria cleroides Walker 1867 op. cit. 23.

Chrysocoris quadrimaculatus Stål 1873 l. c.

var. **schlegeli**

Callidea schlegelii Vollenhoven 1863 op. cit. 24, Pl. 2. f. 3.

Tetrarthria rutila Walker 1867 op. cit. 20.

Java; Celebes; Lombok; Flores; Moluccas (Waigiu; Kaisa; Jilolo; Ternate; Ceram; Amboina); Ke Is.

35 **sellatus**

Callidea sellata A. White 1842 Gray's Zool. Misc. 79.

Tetrarthria mesozona Walker 1867 op. cit. 24.

Chrysocoris sellatus Stål 1873 l. c.; Schouteden 1904 Gen. p. 38, Pl. 1. f. 10.

var. (b) **chromatica**

Callidea sellata var. *chromatica* A. White 1842 op. cit. 80.

C. binotata Walker 1867 op. cit. 34.

var. (c) **stali** nov.

(= var. b. Stål 1871 O. V. A. F. XXVII. 618).

Philippines (Luzon).

(e) subgen. **Eucorysses**.

36 **grandis**

Cimex grandis Thunberg 1783 Nov. Spec. Ins. II. 31, Pl. 2. f. 46.

Eucorysses superbus Uhler 1860 P. Ac. Philad. 221 (not Dallas).

Callidea distinguenda Uhler 1861 op. cit. 286.

Chrysocoris grandis Stål 1873 Svensk. l. c.; Distant 1902 Faun. Ind. Rh. I. 54.

N. India; Assam; Burma; Siam; China (Macao and Haulik); Japan; Java.

var. (b) **baro***Cimex baro* Fabricius 1798 Ent. Syst. Suppl. 528.*Calliphara do.* Germar 1839 Zeitschr. Ent. I. 127.*Tetrarthria tetraspila* Walker 1867 Cat. Het. I. 19.*Callidea baro* Sharp 1890 T. E. S. London 414.var. (c) **pallens***Eucorysses pallens* Amyot et Serville 1843 Hém. 31, Pl. 1. f. 4.*Callidea baro* Vollenhoven 1863 Faune ent. indo-néerl. I. 17
(not Fabricius).*Chrysocoris grandis* var. b. *pallens* Distant 1902 op. cit. 55,
f. 24.37 **iris***Calliphara iris* Germar 1839 Zeitschr. Ent. I. 128; H-S. 1840
Wanz. V. 80, f. 526.*Callidea sexmaculata* Vollenhoven 1863 op. cit. 18, Pl. 1. f. 7
(not Leach).*Chrysocoris iris* Stål 1873 op. cit. 19.var. **sultanina***Eucorysses iris* var. *sultanina* Breddin 1903 Soc. Ent. XVIII. 75.Java; Bantam Is.
(near Malay Pen.).
Burma; Tenasserim.38 **javanus***Tectocoris javana* [Westwood] 1837 Cat. Hope I. 14.*Scutellera atricapilla* Guérin 1838 Voy. Coquille, Ins. 156.*Calliphara javana* H-S. 1840 op. cit. 81, f. 527.*Chrysocoris atricapillus* Stål 1873 l. c.*C. atricapilla* (!) Koningsberger en Zehntner 1901 Med. 's
lands plant. XLIV. 47, Pl. 2. f. 6 (laps. cal.).Borneo; Java; Bali;
Lombok; Amboina;
Timor.var. (b) **rubrocincta***Chrysocoris atricapillus* var. *rubrocinctus* Breddin 1899 Beih.
Jb. Hamb. Wiss. Anst. XVI. (2) 159.var. (c) **variabilis***Callidea variabilis* Vollenhoven 1863 op. cit. 22, Pl. 1. f. 9.*C. ampla* Walker 1867 op. cit. 35.var. (d) **vollenhoveni***Chrysocoris atricapillus* var. *vollenhoveni* Leth. et Sev. 1893
Cat. Hét. I. 25.Foodplant: *Coffea*.39 **sexmaculatus***Scutellera sexmaculata* Leach 1815 Zool. Misc. II. 36, Pl. 14.
Scutellera arrogans Montrouzier 1858 A. S. Linn. Lyon (2)
V. 258.*S. grandis* Signoret 1861 A. S. E. France (4) I. 60 (not
Thunberg).*Eucorysses sexmaculatus* Stål 1866 Berlin. E. Z. X. 154;
Schouteden 1907 A. S. E. Belg. LI. 108.*Chrysocoris do.* Stål 1873 Svensk. op. cit. 19.New Caledonia; Lifu;
Belep Isles (Art).40 **spilogaster***Callidea spilogastra* Walker 1867 op. cit. 30.*Chrysocoris spilogaster* Distant 1902 op. cit. 56.

Ceylon.

41 **superbus***Callidea superba* Dallas 1851 List 23.*Chrysocoris superbus* Stål 1873 Svensk. op. cit. 18; Distant
1902 op. cit. 55.India (Malabar); Cey-
lon.(f) of uncertain subgeneric position (described under *Chrysocoris*).42 † **bouvieri** Breddin 1905 Soc. Ent. XIX. 186.

S. India.

43 † **cingulatus** Breddin l. c.

Banguey.

- 44 † *pontificalis* Breddin 1905 op. cit. 187.
 45 † *praetextatus* Breddin 1905 op. cit. 186.
 46 † *trabeatus* Breddin l. c.

Celebes.
 Cochin China.
 Philippines, (Mindanao).

Calliphara.

- Calliphara* Germar 1839 Zeitschr. Ent. I. 122; Schouteden 1904 Gen. Ins., fasc. 24. p. 31 (type *nobilis*).
Philia Schiedte 1843 Nat. Tidskr. IV. 281 (nov. nom.).
 subgen. (b) *Chrysophara* Stål 1873 Svensk. Vet. Ak. Handl. 11. no. 2. p. 17 (type *excellens*).
 subgen. (c) *Lamprophara*
Lamprophara Stål 1865 Hem. Afr. I. 34; Schouteden op. cit. 30 (type *bifasciata*).
Calliphara subg. *Lamprophara* Stål 1873 Svensk. Vet. Ak. Handl. 11. no. 2. p. 16.

(a) subgen. typic.

- 1 *billardierii*
Tetyra billardierii Fabricius 1803 Syst. Rh. 129.
Scutellera do. Guérin 1838 Voy. Coquille, Ins. 154, Pl. 11. f. 1.
S. splendida Montrouzier 1855 Ann. S. Agr. Lyon (2) VII. 94.
Calliphara billardierei Schouteden 1907 A. S. E. Belg. LI. 108 (laps. cal.).
C. billardierei Froggatt [1907] Austral. Ins. 328 (laps. cal.).
- 2 *caesar*
Callidea caesar Vollenhoven 1863 Faune ent. indo-néerl. I. 21, Pl. 2. f. 1.
Calliphara do. Stål 1873 op. cit. 17.
- 3 *cruenta*
Calliphara cruenta Stål 1873 op. cit. 17.
- 4 *dimidiata*
Scutellera billardierii var. Guérin 1838 l. c., Pl. 11. f. 2.
Callidea dimidiata Dallas 1851 List 24.
C. laticincta Walker 1867 Cat. Het. I. 35.
Calliphara dimidiata Stål 1873 l. c.
 var. *elongata*
Callidea elongata Vollenhoven 1863 Versl. Ak. Nat. Amst. (2) II. 175; and 1869 Tijdschr. Ent. XII. 257, Pl. 11. f. 6.
- 5 *flagrans*
Tetrarthria flagrans Walker 1867 op. cit. 24.
- 6 *imperialis*
Cimex imperialis Fabricius 1775 Syst. Ent. 697; Donovan 1805 Ins. N. Holland, Hem., Pl. 3. f. 12.
 ? *Calliphara regia* H-S. 1840 Wanz. V. 82, f. 528 (not Westwood).
 ? *C. imperialis* H-S. 1840 op. cit. 83, f. 529.
- 7 *lanceolata*
Calliphara lanceolata Distant 1903 A. M. N. H. (7) XII. 250.
- 8 *praslinia*
Scutellera praslinia Guérin 1838 Voy. Coquille, Ins. 158 a. 160, Pl. 11. f. 3.
Callidea praslinea Germar 1839 Zeitschr. Ent. 118
Calliphara praslinia Stål 1866 Berlin. E. Z. X. 152.
Tetrarthria sobria Walker 1867 op. cit. 21.
T. nigra Walker op. cit. 23.
Callidea ebenina Walker op. cit. 39.
- 9 *regia*
Callidea regia [Westwood] 1837 Hope Cat. I. 16.
- Tropical Queensland;
 Papua; Moluccas;
 (Amboina); Murua;
 Celebes; Sumatra.
- Papua; Moluccas;
 (Morotai, Jilolo);
 Buru.
- Tropical Queensland.
- Papua; Moluccas; Aru
 Is.; New Ireland.
- ?
- Tropical Queensland
 [? Java and New
 Zealand, probably
 in error].
- Timor Laut.
- Celebes; New Hebrides (Anciteum);
 New Ireland;
 Australia.
- Timor.

Scutellera regalis var. *peronii* Guérin 1838 op. cit. 155,
Pl. 11. f. 4.

? *Calliphara regia* H-S. 1839 Wanz. V. 82, f. 528.

? *C. imperialis* H-S. 1839 op. cit. 83, f. 529 (not Fabricius).

C. peronii Stål 1866 Berlin. E. Z. X. 151.

10 **rostrata**

Calliphara rostrata Distant 1903 A. M. N. H. (7) XII. 250.

Ke Isl.

(b) subg. **Chrysophara**.

11 **excellens**

Tetyra excellens Burmeister 1834 Nov. Act. Leop. Carol. XVI.
Suppl. 287, Pl. 41. f. 2.

Tectocoris obscura [Westwood] 1837 Cat. Hope I. 14.

Callidea nobilis Germar 1839 op. cit. 117 (not Linneus).

C. speciosa A. White 1842 Gray's Zool. Misc. 80.

Calliphara obscura Sharp 1890 T. E. S. London 412, Pl. 14. f. 25.

C. excellens Distant 1902 Faun. Ind. Rh. I. 53.

Celebes; Philippines,
(Luzon); China
(Hongkong) [? Borneo; Nepal].

12 **eximia**

Callidea eximia Vollenhoven 1863 op. cit. 20, Pl. 1. f. 8.

Calliphara do. Stål 1866 op. cit. 153; and 1873 Svensk. op.
cit. 11. no. 2. p. 18.

Papua; New Hebrides; Moluccas, (Ternate; Waigiou; Amboina; Morotai); Sumatra.

13 **fasciata**

Tetrarthria fasciata Walker 1867 op. cit. 20.

14 **munda**

Calliphara munda Stål 1866 Berlin. E. Z. X. 153.

Papua.

"China."

15 **nobilis**

Cimex nobilis [Linneus] 1763 Amoen. Ac. VI. 400.

|| *C. pustulatus* Panzer 1797 Voet, Haartsch. Ins. IV. 111,
Pl. 47. f. 11.

Scutellera buquetii Guérin 1838 op. cit. 159 a. 162.

Calliphara do. Stål 1866 l. c.

C. nobilis Distant 1902 Faun. Ind. Rh. I. 53, f. 23; Schouteden 1904 Gen. p. 33, Pl. 2. f. 5.

Burma; Tenasserim; China (Hongkong); Malay Penin.; Philippines (Luzon); Java; Celebes; Timor; Formosa [Tropical Queensland?].

16 **quadrinotata**

Callidea quadrinotata Walker 1867 op. cit. 38.

Calliphara do. Distant 1899 A. M. N. H. (7) IV. 38.

var. (b) **papuensis** nov. nom.

= var. b. Distant l. c.

var. (c) **admiraltyensis** nov. nom.

= var. c. Distant l. c.

Papua; Amboina; Ceram; Admiralty Isl. (N. W. of the Bismarck Archip.).

17 **regalis**

Cimex regalis Fabricius 1775 Syst. Ent. 697; Donovan 1805
Ins. New Holland, Hem. Pl. 3. f. 3.

Callidea erythrospila Walker 1867 op. cit. 33.

C. semirufa Walker op. cit. 34.

C. biplaga Walker op. cit. 35.

Calliphara regalis Stål 1876 Svensk. Vet. Ak. Handl. 7. no.
11. p. 10.

"Australia"; Aru; Ceram; Waigiou.

(c) subgen. **Lamprophara**.

18 **bifasciata**

Calliphara bifasciata A. White 1839 Charlesworth's Mag.
Hist. (2) III. 541.

Callidea bifasciata A. White 1842 T. E. S. London III. 85.

C. quadrifera Walker 1868 op. cit. III. 514.

Lamprophara bifasciata Schouteden 1904 Gen. p. 31, Pl. 2. f. 1;
Kirkaldy 1908 P. Linn. S. N. S. Wales XXXIII. 350.

§ Kirkaldy l. c. (n.).

Fiji; Samoa.

(d) of uncertain subgeneric position (described under *Calliphara*).

- 19 † *oculatorum* Breddin 1905 Soc. Ent. XIX. 186. Solomon Isls.
 20 † *paradisiaca* Breddin l. c. Sumba.
 21 † *placida* Breddin l. c. Papua.

Lampromicra.

- Philya* Stål 1865 Hem. Afr. I. 33.
Philia Stål 1868 Svensk. Vet. Akad. Handl. 7. no. 11. p. 9; Schouteden 1904 Gen. Ins., fasc. 24. p. 28 (not Schiødte).
Lampromicra Stål 1873 op. cit. 11. no. 2. p. 16 (type *festiva*!).
Schioedtia Kirkaldy 1905 Entom. XXXVIII. 79 (new name) (type *senator*).
- 1 *acrea* New South Wales.
Philia acrea Distant 1892 Entom. XXV. Suppl. 96.
P. compacta Breddin 1903 Soc. Ent. XVIII. 57.
- 2 *balteata* Papua.
Callidea balteata Walker 1867 Cat. Het. I. 34.
C. latefasciata Vollenhoven 1868 Versl. Ak. Nat. Amst. (2) II. 175; and 1869 Tijdschr. Ent. XII. 257, Pl. 11. fig. d.
Philia balteata Schouteden 1904 op. cit. 29, Pl. 2. f. 2.
- 3 *cuprina* Papua.
Philia cuprina Stål 1873 op. cit. 15.
- 4 *distinguenda* Sumatra.
Callidea distinguenda Walker 1868 op. cit. III. 514.
- 5 *ditissima* Papua; Guebe; Meisol; Aru; Celebes; Ceram.
Callidea ditissima Vollenhoven 1863 Faune ent. indo-néerl. I. 26, Pl. 2. f. 5.
C. flammigera Walker 1867 op. cit. I. 42.
C. croesus (pt.) Vollenhoven 1868 Versl. Ak. Nat. Amst. (2) II. 176; and 1869 Tijdschr. Ent. XII. 259, Pl. 11. fig. e.
Philia ditissima Stål 1873 l. c.
- 6 *dohertyi* Salwati; Jobie; (both close to Papua).
Philia dohertyi Distant 1903 A. M. N. H. (7) XII. 249.
- 7 *elegans* New Caledonia; Lifu.
Callidea elegans Montrouzier 1861 A. S. E. France (4) I. 59.
Philia do. Stål 1868 Svensk. Vet. Ak. Handl. 7. no. 11. p. 10; and 1873 op. cit. 11. no. 2. p. 15; Schouteden 1907 A. E. S. Belg. LI. 108.
- 8 *erythrina* "N. Australia."
Callidea erythrina Walker 1867 Cat. Het. I. 44.
- 9 *fastuosa* Celebes; Moluccas (Buru; Ternate; Jilolo); Papua.
Callidea fastuosa Vollenhoven 1863 Faune ent. indo-néerl. I. 26.
C. fulgida Walker 1867 op. cit. 36.
C. solita Walker l. c.
C. discoidalis Walker 1867 op. cit. 41.
Philia fastuosa Stål 1873 l. c.; Distant 1899 A. M. N. H. op. cit. 36.
- 10 *femorata* Moluccas (Ceram; Aru; Ke; Ternate; Kaisaa); Papua; North Queensland; Murray Is.
Callidea femorata Walker 1867 op. cit. 38.
C. curtula Walker op. cit. 39.
C. collaris Walker op. cit. 40.
- var. (b) *aureocincta* Papua; Birara; Salwati.
Callidea aureocincta Walker op. cit. 41.
 § G. H. Carpenter 1891 Sci. P. Dublin S., n. s. VII. 138 (n.).

- 11 **festiva** Philippines (Luzon).
Callidea festiva Germar 1839 Zeitschr. Ent. I. 120.
Philia do. Stål 1871 O. V. A. F. XXVII. 617.
- 12 **fulgurans** Meisol. [? Queensland].
Philia fulgurans Stål 1873 Svensk. Vet. Ak. Handl. 11. no. 2. p. 15.
- 13 **geniculata** Philippines.
Philia geniculata Stål 1871 O. V. A. F. XXVII. 617.
- 14 **insignis** New South Wales.
Philia insignis Schouteden 1904 A. S. E. Belg. XLVIII. 297.
- 15 **jactator** Java; Nias Is.; Sumatra; Celebes; Moluccas; Papua; Sula.
Callidea jactator Stål 1854 op. cit. XI. 231.
C. gloriosa Vollenhoven 1863 Faune ent. indo-néerl. I. 35, Pl. 3. f. 5.
C. munda Walker 1867 op. cit. 37.
C. sulaca Walker 1867 op. cit. 42.
Philia fenestrata Breddin 1901 Abh. Nat. Ges. Halle XXIV. 35.
- 16 **leucoeyanea** Duke of York's Isles (in Bismarck Archipelago); Birara; Papua; Murua; Solomon Is.; Lifu.
Scutellera leucoeyanea Montrouzier 1855 Ann. S. Agr. Lyon (2) VII. 95.
Philia do. Distant 1899 l. c.; Kirkaldy 1905 T. E. S. London 360.
var. (b) **deliratrix** nov.
= var. b. [and c.] Distant op. cit. 37.
var. (c) **nebulosa** nov.
Philia leucoeyanea var. (from Lifu, with clouded scutellum).
var. (d) **martini** nov.
Philia var. *ebenina* (ex. with yellowish brown spots on scutellum) Kirkaldy l. c.
var. (e) **ebenina**
Philia ebenina J. Martin 1898 B. S. E. France 226.
P. leucoeyanea var. e. Distant 1899 op. cit. 37.
P. do. var. *ebenina* Kirkaldy 1905 l. c.
- 17 **regia** Tropical Queensland.
Philia regia Bergroth 1895 P. R. Soc. Victoria VII. 287; Froggatt 1907 Austral. Ins. 328.
P. leucochalcea Breddin 1903 Soc. Ent. XVIII. 58.
- 18 **senator** [? Sumatra; Java]; Tropical Queensland; Papua; Murua; Melville Is.; Moluccas (Kaisaa; Amboina); Timor.
Tetyra senator Fabricius 1803 Syst. Rh. 131.
Philia senator Stål 1868 Svensk. Vet. Ak. Handl. 7. no. 11. p. 10; and 1873 op. cit. 11. no. 2. p. 15.
var. (b) **dux**
Scutellera dux W. Kirby 1818 T. Linn. S. London XII. 474.
S. corallifera Mac-Leay 1827 King's Survey II. App. 466.
S. basalis Gray 1832 Griffith's An. Kingd. XV. 223, Pl. 92. f. 1.
Tectocoris binotata [Westwood] 1837 Hope Cat. I. 15.
Scutellera aurantiacomaculata Blanchard 1849 d'Orbigny, Dict. Hém. Pl. 4. f. 1.
S. metallica Montrouzier 1855 Ann. S. Agr. Lyon (2) VII. 94.
Philia basalis Froggatt 1902 Agr. Gaz. N. S. Wales XII. 318, Pl. [B]. f. 8; and 1907 Austral. Ins. 327, Pl. XXXII. f. 8.
§ Froggatt 1902 op. cit. supr. (habits).
Foodplants: Fruit generally; wild fig.
- 19 **subapicalis** New Caledonia; Isle of Pines.
Callidea subapicalis Walker 1867 op. cit. 36.

20 **vulcanica**

Callidea vulcanica Le Guillou 1841 Rev. Zool. 263.
Philia do. J. Martin 1898 B. S. E. France 225.

Amboina; Banda.

21 **woodfordi**

Philia woodfordi Distant 1899 l. c.

Solomon Isles.

Lamprocoris.

Lamprocoris Stål 1865 Hem. Afr. I. 34; Schouteden 1904 Gen. Ins., fasc. 24. p. 27
 (type *lateralis*).

subgen. (b) **Sophela** Walker 1867 Cat. Het. I. 17 (type *spinigera*).

(a) subgen. **typ.**1 **lateralis**

Scutellera lateralis Guérin 1838 Voy. Coquille, Ins. 159 a. 160.
Callidea do. Vollenhoven 1863 Faune ent. indo-néerl. I. 32,
 Pl. 2. f. 11.

"Hindostan"; Assam;
 Burma; Sumatra;
 Java.

C. contraria Walker 1867 op. cit. 30.

Lamprocoris lateralis Distant 1902 Faun. Ind. Rh. I. 63, f. 25.

2 **obtusius**

Callidea obtusa [Westwood] 1837 Cat. Hope I. 16; Vollen-
 hoven 1863 l. c.

Java.

3 **roylii**

Callidea roylii [Westwood] l. c.
C. histeroides Walker 1867 op. cit. 28.
C. scripta Walker op. cit. 29.
C. gibbula Walker l. c.
Lamprocoris roylii Distant 1902 l. c.

N. India; Assam.

4 **smaragdinus**

Lamprocoris smaragdinus Breddin 1903 Soc. Ent. XVIII. 33.

Perak.

(b) subgen. **Sophela.**5 **spiniger**

Callidea spinigera Dallas 1849 T. E. London V. 186, Pl.
 19. f. 1.
Lamprocoris spiniger Distant 1902 Faun. Ind. Rh. I. 64,
 f. 26.

N. India; Assam;
 Burma.

Graptophara.

Stål 1865 Hem. Afr. I. 34; Schouteden 1904 Gen. Ins., fasc. 24. p. 26 (type *reynaudii*).

1 **reynaudii**

Scutellera reynaudii Guérin 1834 Voy. Bélanger, Zool. 497,
 Pl. 4. f. 3.

Sumatra; Borneo;
 Java.

Callidea pulchra [Westwood] 1837 Cat. Hope I. 16.

Graptophara reynaudi Breddin 1900 Stett. E. Z. LXI. 281;
 Schouteden 1904 op. cit. 27, Pl. 2. f. 4.

Calliscyta.

Stål 1873 Svensk. Vet. Ak. Handl. 11. no. 2. p. 9; Schouteden 1904 op. cit. 25
 (type *stålî*).

1 **australis**

Calliscyta australis Distant 1899 A. M. N. H. (7) IV. 40;
 Schouteden 1904 A. S. E. Belg. XLVIII. 296.

Queensland. [? Hai-
 nan Is.].

2 **stålî**

Callidea stålî Vollenhoven 1863 Faune ent. indo-néerl. I. 24,
 Pl. 2. f. 4.

N. Queensland; Ti-
 mor.

Calliscyta stålî Schouteden 1904 Gen. p. 25, Pl. 1. f. 9.

Calidea.

Calidea Laporte 1832 Essai 67 a. 71 (type *signata*).

Libyssa Dallas 1851 List 4 a. 20 (same type).

Callidea Stål 1865 Hem. Afr. I. 41; Schouteden 1903 Rh. Aeth. I. 32; and 1904 Gen. Ins., fasc. 24. p. 25 ("emend.").

1 *bohemani*

Libyssa bohemani Stål 1853 O. V. A. F. X. 210.

Callidea do. Stål 1865 Hem. Afr. I. 45; and 1873 Svensk. Vet. Ak. Handl. 11. no. 2. p. 24.

C. bohemani Schouteden 1903 Rh. Aeth. I. 36, f. 9 (laps. cal.).

§§ Schouteden 1903 op. cit. 93, Pl. IV. f. 6 (n.).

Continental Ethiopian Region.

2 *distinguenda*

Callidea distinguenda Reiche et Fairmaire 1848 Voy. Abyss., Ent. 433; Stål 1865 Hem. Afr. I. 45; Schouteden 1903 op. cit. 43, Pl. I. f. 7; and textf. 11.

var. (b) *pulehrior* nom. nov.

= || *pulehra* Schouteden 1903 op. cit. 44.

Abyssinia; Egyptian Sudan.

Angola; Kongo; German East Africa.

3 *duodecimpunctata*

Cimex duodecimpunctatus Fabricius 1798 Ent. Syst. Suppl. 527; Coquebert 1799 Ill. Ent. I. 36, Pl. 9. f. 7.

Callidea nana H-S. 1836 Wanz. III. 100, f. 325.

C. duodecimpunctata Stål 1873 Svensk. Vet. Ak. Handl. 11. no. 2. p. 23; Schouteden 1903 op. cit. 37.

C. duodecimpunctata Schouteden 1904 Gen. p. 26 (laps. cal.).

var. (b) *apicalis*

Callidea apicalis Schouteden 1903 Rh. Aeth. I. 41 (also as subsp. of *duodecimpunctata*).

var. (c) *dregii*

Callidea dregii Germar 1837 Silb. Rev. Ent. V. 191; Stål 1865 Hem. Afr. I. 42; and 1873 Svensk. op. cit. 23.

C. examinans A. White 1842 T. E. S. London III. 85.

Libyssa signoreti Stål 1853 O. V. A. F. X. 210.

Callidea dregiei Schouteden 1903 op. cit. 38 (laps. cal.).

var. (d) *humeralis*

Scutellera humeralis Walker 1867 op. cit. I. 17.

Libyssa westwoodii Vollenhoven 1868 Versl. Ak. Nat. Amst. (2) II. 175; and 1869 Tijdschr. Ent. XII. 256.

L. purpurascens Walker 1868 op. cit. III. 509.

Callidea duodecimpunctata subsp. *dregiei* var. *purpurascens* Schouteden 1903 op. cit. 40, Pl. I. f. 6.

Continental Ethiopian Region.
[? Greece; China in error.]

East Africa.

[New Hebrides in error.]

4 *haglundii*

Callidea haglundii Schouteden 1903 op. cit. 34 a. 42.

Kamerun.

5 *madagascariensis*

Libyssa madagascariensis Signoret 1861 A. S. E. France (3) VIII. 917.

Callidea do. Stål 1865 Hem. Afr. I. 43; and 1873 Svensk. op. cit. 23; Schouteden 1903 op. cit. 46.

Madagascar.

6 *natalensis*

Callidea duodecimpunctata Germar 1839 Zeitschr. Ent. I. 120; Stål 1865 Hem. Afr. I. 44 (not Fabricius).

C. natalensis Stål 1873 Svensk. op. cit. 24; Schouteden 1903 op. cit. 45.

Cape Colony; Natal; Transvaal; Zanzibar.

7 *panaethiopica* nom. nov.

|| *Cimex signatus* Fabricius 1794 Ent. Syst. IV. 80; Wolff 1802 Ic. Cim. 91, f. 85.

Scutellera signata Pal. Beauv. 1805 Ins. Afr. Amér. 232, Hém.

Sudan; Senegal; Guinea; Kongo; Cape Colony.

Pl. Vb. f. 1—2; Blanchard 1840 Hist. Hém. 158, Pl. 8. f. 4.

Calidea do. H-S. 1836 Wanz. III. 98, f. 323; Stål 1865 Hem. Afr. I. 41; and 1873 Svensk. op. cit. 23; Schouteden 1903 op. cit. 34.

Procilia.

Stål 1865 Hem. Afr. I. 33 a. 35; Schouteden 1903 Rh. Aeth. I. 28; and 1904 Gen. p. 24 (type *nigricornis* = *morgani*).

1 *morgani*

Calidea morgani A. White 1839 Charlesworth's Mag. N. H. (2) III. 542.

Dahomey; Kongo;
Kamerun; Guinea;
Sierra Leone.

Procilia do. Schouteden 1903 Rh. Aeth. I. 29.

var. (b) *nigricornis*

Calliphara nigricornis Signoret 1851 Rev. Mag. Zool. III. 438, Pl. 12. f. 1.

Procilia do. Stål 1865 op. cit. 36.

P. bonnyi Distant 1890 P. Zool. S. London 474.

var. (c) *scintillans*

Procilia scintillans Stål 1865 op. cit.; Haglund 1894 O. V. A. F. LI. 396.

§§ Schouteden 1903 op. cit. 93, Pl. IV. f. 7 (*n.*).

2 *praetoria*

Procilia praetoria Stål 1865 op. cit. 37; Schouteden 1903 Rh. Aeth. I. 31, Pl. I. f. 5.

Angola; Sierra Leone;
French Kongo.

Brachyaulax.

Stål 1870 O. V. A. F. XXVII. 616; Schouteden 1904 Gen. Ins., fasc. 24, p. 23 (type *rufomaculata*).

1 *kükenthali*

Brachyaulax kükenthali Breddin 1900 Abh. Senck. Ges. Nat. XXV. 140, Pl. 9. f. 1.

Jilolo.

2 *majuscula*

Brachyaulax majuscula Distant 1903 A. M. N. H. (7) XII. 249.

Ke Isl.

3 *oblonga*

Tectocoris oblonga [Westwood] 1837 Cat. Hope I. 14.

Scutellera maculigera Walker 1867 Cat. Het. I. 16.

S. pubescens Walker 1868 op. cit. III. 507.

Brachyaulax oblonga Breddin 1900 Stett. E. Z. LXI. 278;

Distant 1902 Faun. Ind. Rh. I. 52. f. 22.

N. India; Assam;
Birma; Cochin Chi-
na; China (Shang-
hai); Malacca; Su-
matra; Java.

var. (b) *cyaneovitta*

Scutellera cyaneovitta Walker 1867 op. cit. 16.

var. (c) *splendens* Schouteden 1904 A. S. E. Belg. XLVIII. 297.

var. (d) *buprestoides*

Scutellera buprestoides Walker 1867 l. c.

4 *rufomaculata*

Brachyaulax rufomaculata Stål 1870 O. V. A. F. XXVII. 616; Schouteden 1904 Gen. Ins. p. 24, Pl. I. f. 8.

Philippines; [? Bat-
chian].

Scutellera.

Scutellera Lamarck 1801 Syst. anim. s. vert. 293; Schouteden 1904 Gen. Ins., fasc. 24, p. 22 (type *nobilis* = *perplexa*).

Calliphara Amyot et Serville 1843 Hém. 30 (not Germar).

1 *amethystina*

— — Stoll Pun. f. 49 a. 251.

|| *Cimex fasciatus* Panzer 1797 Voet, Hartschaal Ins. IV. 108, Pl. 46. f. 2.

India; Birma; Siam;
China; Java; Cele-
bes; Amboina.

- Calliphara amethystina* Germar 1839 Zeitschr. Ent. I. 124.
C. nepalensis Germar op. cit. 125 (not Westwood).
Scutellera fasciata Distant 1902 Faun. Ind. Rh. I. 50, f. 21.
 var. (b) *lanius*
Callidea lanius Stål 1854 O. V. A. F. XI. 231.
Scutellera fasciata var. *lanius* Stål 1873 Svensk. Vet. Ak.
 Handl. 9. no. 2. p. 14.

2 **holosericea**

Scutellera holosericea A. Dohrn 1863 Stett. E. Z. XXIV. 347.

Java.

3 **perplexa**

— — Stoll Pun. figs. 1, 7, 22 a. 23.

Cimex nobilis Fabricius 1775 Syst. Ent. 697; Sulzer 1776
 Gesch. Ins. Pl. XI. fig. c. (not Linneus).

Tectocoris nobilis Hahn 1836 Wanz. III. 24, f. 247.

T. perplexa [Westwood] 1837 Cat. Hope I. 4 (new name).

Scutellera nobilis Distant 1902 op. cit. 51.

§§ de Nicéville 1903 Ind. Mus. Notes V. 119, Pl. XVI. f. 3
 (metamorphoses).

§ Note on colouring, Distant op. cit. 52.

India; Assam; Tenasserim; China; Ceylon.

Tetrarthria.

Dallas 1851 List 3 a. 20; Vollenhoven 1863 Faune ent. indo-néerl. I. 13; Schouteden 1904 Gen. Ins., fasc. 24. p. 22 (type *variegata*).

1 **amaena**

Tetrarthria amaena Walker 1868 Cat. Het. III. 508.

Sumatra.

2 **callideoides**

Tetrarthria callideoides Dohrn 1863 Stett. E. Z. XXIV. 348.

T. flexuosa Walker 1867 Cat. Het. I. 21.

T. tenebrosa Vollenhoven 1868 Versl. Ak. Nat. Amst. (2) II.
 175; and 1869 Tijdschr. Ent. XII. 225, Pl. 11. fig. a.

T. callideoides Stål 1873 l. c.

Moluccas (Buru, Ambona, Ternate, Bat-chian); Celebes.

3 **variegata**

Tetrarthria variegata Dallas 1851 op. cit. 20, Pl. 1. f. 1;
 Stål 1870 O. V. A. F. XXVII. 616; Breddin 1900 Stett.
 E. Z. LXI. 278; Distant 1902 op. cit. 49.

T. 5-maculata Dohrn 1864 op. cit. 347.

var. (b) **congrua**

Tetrarthria congrua Walker 1867 op. cit. 20.

var. (c) **lateralis**

Tetrarthria lateralis Walker 1867 op. cit. 21.

var. (d) **lineata**

Tetrarthria lineata Walker op. cit. 18.

T. basalis Walker op. cit. 23.

T. varia var. *lineata* Distant l. c., f. 20.

var. (e) **maculata**

Tetrarthria maculata Walker op. cit. 22.

var. (f) **varia**

Tetrarthria varia Walker op. cit. 18.

var. (g) **marginepunctata**

Tetrarthria marginepunctata Vollenhoven 1863 Faune ent.
 indo-néerl. I. 13, Pl. 1. f. 6.

Assam; Burma; Malay Pen. China (Hongkong); Borneo; Sarawak; Sumatra; Java; Celebes; Philippines; Talaur Is.

Poecilocoris.

Poecilochroma A. White 1842 T. E. S. London III. 84.

Poecilocoris subg. *Poecilochroma* Stål 1873 Svensk. Vet. Ak. Handl. 9. no. 2. p. 11
 (type *childreni*).

Poecilocoris Dallas 1848 T. E. S. London V. 100; Schouteden 1904 Gen. p. 20 (new name).

Ioglena Stål 1873 op. cit. p. 12 (type *denovani*) (as subgen.).

subgen. (b) *Parapoecilocoris* Schouteden 1904 op. cit. 21 (type *interruptus*).

(a) subgen. *typic*.

- 1 **balteatus** Assam.
Poecilochroma balteata Distant 1892 Entom. XXV. Suppl. 96.
- 2 **childreni** N. India.
Tectocoris childreni A. White 1839 Charlesworth's Mag. N. H. (2) III. 542; and 1842 T. E. S. London III. 84, Pl. VII. f. 1.
Poecilocoris do. Distant 1902 Faun. Ind. Rh. I. 46.
- 3 **crowleyi** Assam.
Poecilocoris crowleyi Distant 1901 A. M. N. H. (7) VIII. 61; and 1902 Faun. Ind. Rh. I. 46.
- 4 **denovani** Philippines (Luzon).
Tetyra denovani Burmeister 1834 Nov. Act. Leop. Car. XVI. Suppl. 286, Pl. 41. f. 1.
Poecilochroma do. Stål 1870 O. V. A. F. XXVII. 618.
Poecilocoris donovani Schouteden 1904 Gen. p. 21 (laps. cal.).
- 5 **dissimilis** China (Yunnan).
Poecilocoris dissimilis J. Martin 1902 Bull. Mus. Paris VIII. 333, f. 1.
- 6 **dives** Java.
Scutellera druracii var. *dives* Guérin 1844 Icon. R. Anim. 343, Pl. 55. f. 1.
Poecilocoris do. Vollenhoven 1863 Faune ent. indo-néerl. I. 6.
- 7 **druracii** N. India; Assam;
Burma; China
(Kwangtung and
Hongkong); For-
mosa.
— — Drury 1770 Ill. 94, Pl. 42. fgs. 1 a. 5 a. b.
Cimex druracii Linneus 1771 Mant. Plant. 534; Drury 1773 op. cit. II. Index.
Poecilocoris do. Dallas 1848 T. E. S. London V. 103, Pl. XIII. f. 6; Distant 1902 op. cit. 45.
P. obsoletus Dallas 1848 op. cit. 104.
P. drurayi Leth. et Sev. 1893 Cat. Hém. I. 20 (laps. cal.).
Poecilochroma do. Stål 1873 op. cit. 12.
- 8 **equestris** Malacca.
Poecilochroma equestris Stål 1873 l. c.
- 9 **latus** India; Assam; Bur-
ma; China.
Poecilocoris latus Dallas 1848 op. cit. 101, Pl. 13. f. 4; Distant 1902 op. cit. 44, f. 19.
Poecilochroma lata Sharp 1890 T. E. S. London 412, Pl. 14. f. 21—22.
- 10 **lewisi** Japan.
Poecilochroma lewisi Distant 1883 T. E. S. London 419, Pl. XIX. f. 1.
- 11 **longirostris** Java.
Poecilocoris longirostris Dallas 1848 op. cit. 109, Pl. 13. f. 9; Vollenhoven 1863 l. c.
- 12 **nepalensis** N. India; Assam;
Burma; W. China;
China (Hongkong).
Pachycoris nepalensis H.-S. (May) 1837 Wanz. IV. 1, f. 339.
Tectocoris hardwickii [Westwood] 1837 Cat. Hope I. 13.
Poecilocoris do. Dallas 1848 op. cit. 107, Pl. 13. f. 8; Sharp 1890 T. E. S. London 413, Pl. 14. f. 23; Distant 1902 Faun. Ind. Rh. I. 45.
P. hardwicki Schouteden 1904 Gen. p. 21, Pl. 1. 7.
Poecilochroma do. Stål 1873 l. c.

var. (b) **affinis***Tectocoris affinis* [Westwood] l. c.*Poecilocoris anisospilus* Walker 1867 Cat. Het I. 9.

§ Watt and Mann 1903 Pests Tea Plant (Ed. II), 285—86.

Foodplant: *Thea* (*Camellia*) *sinensis*.13 **obesus***Poecilocoris obesus* Dallas 1851 List 13; Distant 1902 op. cit. 47.

N. India; Assam.

14 **ornatus***Poecilocoris ornatus* Dallas 1851 List 15; Distant 1902 op. cit. 48.

N. India. [Japan in error].

15 ? **plenisignatus***Poecilocoris plenisignatus* Walker 1867 op. cit. 9.

China (Hongkong).

16 **puleher***Poecilocoris pulcher* Dallas 1848 T. E. S. London V, 105, Pl. 13. f. 7; Vollenhoven 1863 op. cit. 5, Pl. 1. f. 2; Distant 1902 op. cit. 47.

S. India; Sumatra; Borneo.

17 **purpurascens***Tectocoris purpurascens* [Westwood] 1837 op. cit. 14.*Poecilocoris do.* Dallas 1848 op. cit. 103, Pl. 13. f. 5; Distant 1902 l. c.

Assam.

18 **rufigenis***Poecilocoris rufigenis* Dallas 1851 List 14; Distant 1902 op. cit. 49.

Assam; Birma.

19 **saturatus***Poecilocoris saturatus* Walker 1867 op. cit. 10.

— ?

(b) subgen. **Parapoecilocoris**.20 **interruptus***Tectocoris interrupta* [Westwood] 1837 l. c.*Scutellera do.* H-S. 1840 Wanz. V. 73, f. 531.*Poecilocoris interruptus* Dallas 1848 T. E. S. London V. 102; Distant 1902 op. cit. 48.*Poecilochroma interrupta* Stål 1873 op. cit. 13.

N. India; Assam; Birma.

Tectocoris.*Tectocoris* Hahn 1834 Wanz. II. 33; Stål 1865 Hem. Afr. I. 33; Schouteden 1904Gen. Ins. 24. p. 19 (type *cyanipes* = *diophthalmus*).*Scutellera* Amyot et Serville 1843 Hém. 27 (not Lamareck).1 **diophthalmus***Cimex diophthalmus* Thunberg 1783 Nov. Ins. sp. II. 30, Pl. 2 f. 45.*Tectocoris do.* Stål 1873 Svensk. Vet. Ak. Handl. 9. no. 2. p. 11; Kirkaldy 1905 T. E. S. London 360.var. (b) **peregrina** nom. nov.|| *C. lineola* Fabricius 1781 Spec. Ins. II. 340.var. (c) **cookiana** nom. nov.*Scutellera cyanipes* Blanchard 1841 H. N. Ins. III. 159 (not Fabricius).*S. banksii* Montrouzier 1855 A. S. Linn. Lyon (2) VII. 92 (not Donovan).*Tectocoris banksii* (sic!) Montrouzier 1861 A. S. E. France (4) I. 60.*T. cyanipes* Vollenhoven 1863 Faune ent. indo-néerl. I. 8; Koningsberger 1903 Med. 's lands plant. LXIV. 103, Pl. III. f. 10.*T. lineola* var. *banksi* Froggatt 1901 Agr. Gaz. N. S. W. XII. 3, Pl. f. 11.

Queensland; New South Wales; N. Terr. of S. Australia; Vanikoro; Murua; Lifu; New Caledonia; Isle of Pines; Art; Fiji; Tonga; Samoa; Banda; Amboina; Ceram; Timor; Lombok; Celebes; Sumatra; Borneo; Java; Philippines (Luzon); Cochinchina. [Gambia and Cape Colony in error].

T. lineola Froggatt 1907 Austral. Ins. 327, Pl. 31. f. 11.

var. (d) **cyanipes**

— — Stoll. Pun. f. 167.

Tetyra cyanipes Fabricius 1803 Syst. Rh. 133; Wolff 1811 Icon. Cim. 168, f. 165.

Tectocoris do. Hahn 1834 Wanz. II. 34, f. 132.

Scutellera banksii Germar 1839 Zeitschr. Ent. I. 133 (= ♀).

S. cyanipes Amyot et Serville 1843 Hém. 28.

Tectocoris amboinensis Walker 1867 Cat. Het. I. 14.

var. (e) **banksii**

Cimex banksii Donovan 1805 Ins. New Holl. Hem., Pl. 3. f. 1.

Scutellera do. H-S. 1837 Wanz. IV. 2, f. 341 a. 342; Germar 1839 l. c. (= ♂); Amyot et Serville 1843 Hém. 28, Pl. 1. f. 5.

Tectocoris pusillus Walker 1867 op. cit. 13.

var. (f) **cyanipoda**

Scutellera cyanipoda Boisduval 1835 Voy. Astrolabe, Ins. II. 622, Pl. 11. f. 1 (= ♀).

S. tongae Boisduval op. cit. 624, Pl. 11. f. 3 (= ♂).

Tectocoris gambiae [Westwood] 1837 Hope Cat. I. 14.

var. (g) **venusta** nov.

Scutellera cyanipoda var. Boisduval 1835 op. cit. 623, Pl. 11. f. 2.

var. (h) **schönherri**

Scutellera schönherri Eschscholtz 1822 Dorpat. Nat. Abh. I. 155, Pl. 2. f. 1; H-S. 1837 op. cit. 1, f. 340.

var. (i) **obliqua**

Tectocoris obliquus Walker 1867 op. cit. 13.

var. (k) **tagalica**

Tectocoris diophthalmus var. *tagalicus* Stål 1870 O. V. A. F. XXVI. 617.

var. (l) **rufa**

T. d. var. *rufus* Stål 1870 l. c.

§ Koningsberger 1903 l. c. (*o*—*a*).

§§ Dodd 1904 T. E. S. London 483—85, Pl. 23 (*o*—*a*, vars., parental care etc.).

§ Montrouzier 1855 Ann. S. Agr. Lyon (2) VII. 91 (parental care, probably in this species particularly; *o*).

§ Kirkaldy 1902 Entom. XXXV. 320 (parental care etc.).

§ Breddin 1905 Beih. Jb. Hamb. Wiss. Anst. XXII. (2) 113 (*n*.).

§ Westring 1858 Götheborg's Vet. Handl. (2) IV. 50 a. 54 (suspected stridulation).

§ Handlirsch 1900 Ann. Hofmus. Wien XV. 131; and 1900 Verh. zool. bot. Ges. Wien L. 560 (do.).

Foodplants: *Gossypium indicum*; *Hibiscus tiliaceus*.

Cantao.

Amyot et Serville 1843 Hém. 29; Schouteden 1903 Rh. Aeth. I. 27; and 1904 Gen. Ins. fasc. 24. p. 18 (type *ocellatus* = *dispar*).

subgen. (b) **Iostethus** Stål 1873 Svensk. Vet. Ak. Handl. 11. no. 2. p. 10 (type *parentum*).

(a) subgen. typ.

1 **africanus**

Cantao africanus Horváth 1892 Termész. füzet. XV. 256; Schouteden 1903 Rh. Aeth. I. 28.

— ? — [Kongo in error].

2 **ocellatus**

Cimex ocellatus Thunberg 1784 Nov. Ins. Sp. III. 60, f. 72.

C. dispar Fabricius 1794 Ent. Syst. IV. 81.

Callidea do. H-S. 1836 Wanz. III. 99, f. 324.

C. ocellata Westwood 1842 Donovan's Ins. China, new ed. 47, Pl. 20. f. 1.

Cantao dispar Amyot et Serville 1843 Hém. 29.

C. rufipes Dallas 1851 List 17.

C. ocellata Sharp 1890 T. E. S. London 411.

C. ocellatus Distant 1902 Faun. Ind. Rh. I. 43, f. 18; Schouteden 1903 Rh. Aeth. I. 27, textf. 8.

Distant l. c. biological note.

Foodplants: *Camellia sensanqua*; *Macaranga roxburghii*.

3 **rudis**

Cantao rudis Vollenhoven 1863 Faune ent. indo-néerl. I. 60;

Bredden 1900 Abh. Senck. Ges. Frankf. XXV. 139.

C. incitus Walker 1868 Cat. Het. III. 506.

C. consitus Walker op. cit. 507.

4 **variabilis**

Scutellera variabilis Montrouzier 1855 A. S. Agr. Lyon (2) VII. 93.

Cantao do. Stål 1873 l. c.; Schouteden 1907 A. S. E. Belg. LI. 108.

4a **pulcher**

Cantao pulcher Stål 1906 A. S. E. Belg. L. 137.

(b) subgen. **Iostethus**.5 **parentum**

Calidea parentum A. White 1839 Charlesworth's Mag. Nat. Hist. (2) III. 542; and 1842 T. E. S. London III. 85.

Foodplant: Cherries.

6 **purpuratus**

Callidea purpurata [Westwood] 1837 Hope Cat. I. 16.

Cantao purpuratus Vollenhoven 1863 op. cit. 11, Pl. 1. f. 5; Stål 1873 op. cit. 11.

C. bandanus Walker 1867 op. cit. I. 14.

Scutiphora.

Scutiphora Laporte 1832 Essai 67 a. 71; Schouteden 1904 Gen. Ins., fasc. 24. p. 17 (type *rubromaculata* = *pedicellata*).

Peltophora Burmeister 1835 Handb. Ent. II. 348 a. 393; Germar 1839 Zeitschr. Ent. I. 110; Amyot et Serville 1843 Hém. 35 (new name).

1 **pedicellata** - *rubromaculata* (Burm.)

† *Scutellera pedicellata* W. Kirby 1826 Intr. III. 517, Pl. 1. f. 5.

Scutiphora rubromaculata Laporte 1832 Essai, Pl. 55. f. 3 (not descr.); Guérin 1838 Voy. Coquille, Ins., Pl. 11. f. 7.

Peltophora do. Burmeister 1835 Handb. Ent. II. 393; H-S. 1836 Wanz. III. 101, f. 326.

P. cruenta Burmeister 1835 op. cit. 393.

P. corallifera Westwood 1837 Cat. Hope I. 4 (new name).

Scutiphora picta Guérin 1838 op. cit. 165.

Peltophora do. Froggatt Agr. Gaz. N. S. Wales VIII. 104, Pl. f. 4.

P. pedicellata Froggatt 1901 op. cit. XII. 1594, Pl. f. 3; Hutton 1898 T. N. Zealand Inst. XXX. 169.

P. pedicellata Froggatt [1907] Austral. Ins. 327, Pl. 31. f. 3.

Foodplants: Wild fig; cherry; "strong-scented flowering shrubs".

India; Assam; Burma; Ceylon; Cochin China (Haulik and Hongkong); Formosa; Philippines; Sumatra; Malay Pen.; Timor; Papua; Java.

Moluccas (Morotai; Kaioa; Batchian).

Murua (= Woodlark).

Queensland.

S. Queensland.

Timor; Banda.

Papua; New South Wales; Tasmania. [New Zealand probably in error.]

Tribe 4.

Sphaerocorini.

This small tribe is entirely absent from the Australasian, Palaearctic and American Regions.

Genera	Australasian			Oriental			Ethiopian		Palaeartic	American		Total Species	
	Australia	New Zealand	Austro-Malayan	Indo-Malayan	Indochinese	Philippines	Continental	Malayan	Palaeartic proper	Manchurian	America (excl. Chile)		Chile a. South Patagonia
Sphaerocoris . . .	—	—	—	—	—	—	2	1	—	—	—	—	2
Steganocerus . . .	—	—	—	—	—	—	1	—	—	—	—	—	1
Hyperoncus . . .	—	—	—	1	3	—	—	2	—	—	—	—	6
Chiastosternum . .	—	—	—	—	—	—	1	—	—	—	—	—	1
	—	—	—	1	3	—	4	3	—	—	—	—	10

Total: Oriental 4; Ethiopian 7.

Sphaerocoris.

Burmeister 1835 Handb. Ent. II. 348 a. 390; Stål 1865 Hem. Afr. I. 46; Schouteden 1903 Rh. Aeth. I. 12, f. 5; and 1904 Gen. Ins., fasc. 24. p. 12 (type *ocellatus* = *annulus*).

1 annulus¹⁾

Ethiopian region (continental).

Cimex annulus Fabricius 1775 Syst. Ent. 697.

C. argus Drury 1782 Ill. N. H. III. 67, Pl. 46. f. 9.

Scutellera gibbosa Pal. Beauv. 1805 Ins. Afr. Amér., Hém. 232, Pl. 5. f. 3.

Sphaerocoris annularis [Westwood] 1837 Cat. Hope I. 13.

S. distinctus Signoret 1851 Rev. Mag. Zool. III. 441.

S. argus Stål 1865 l. c.

S. annulus Schouteden 1903 Rh. Aeth. I. 13.

var. (b) *ocellata*

Sphaerocoris annulus H-S. 1836 Wanz. III. 105, f. 330 (not Fabricius).

S. ocellatus Burmeister 1835 op. cit. 391²⁾; Stål 1865 l. c.; Blanchard 1840 Hist. Hém. 157, Pl. VII. f. 7.

Tetyra ocellata Klug 1845 Symb. Phys. V. Pl. 43. f. 1—3.

§§ Schouteden 1903 op. cit. 92, Pl. 4. f. 4 (n.).

§§ Klug 1845 op. cit., Pl. 43. f. 3 (n.).

2 testudogrisea

Continental Ethiopian Region and Madagascar.

Cimex testudogrisea de Geer 1778 Mém. VII. 616, Pl. 46. f. 2—3.

Sphaerocoris punctaria [Westwood] 1837 l. c.

S. polysticta [Westwood] l. c.

S. tigrinus Germar 1839 Zeitschr. Ent. I. 77; H-S. 1839 Wanz. V. 8, f. 465.

S. punctarius Stål 1865 op. cit. 49.

S. testudogrisea Stål 1866 Hem. Afr. IV. 252; Schouteden 1903 op. cit. 15.

var. (b) *caffer*

Sphaerocoris caffer Stål 1853 O. V. A. F. X. 210.

var. (c) *poecila*

Sphaerocoris poecilus Dallas 1851 List 9; Stål 1865 Hem. Afr. I. 48.

S. niloticus Stål 1854 O. V. A. F. XI. 232.

¹⁾ Schouteden cites "*Scutellatus tigrinus*" Voet 1798 Col. IV. 111, Pl. 47. f. 9. I do not know this, and Sherborn notes it as non binomial.

²⁾ Burmeister cites Klug's figures! but the text was apparently not published till 10 years later.

var. (d) **pardalina**

Sphaerocoris pardalinus Schaum 1853 Ber. Ak. Berlin 357;
and 1862 Peters Reise, Ins. 36, Pl. 2. f. 1.

var. (e) **personata**

Sphaerocoris testudogrisea var. *personatus* Schouteden 1903
op. cit. 18.

§§ Schouteden 1903 op. cit. 92, Pl. 3. f. 2 (n.).

Steganocerus.

Mayr 1864 Verh. zool. bot. Ges. Wien XIV. 903; and 1866 Novara Exp. Hem.
19 a. 20; Schouteden 1903 Rh. Aeth. I. 22; and 1904 Gen. Ins., fasc. 24.
p. 10 (type *argus* = *multipunctatus*).

1 **multipunctatus**

Continental Ethio-
pian Region.

Cimex multipunctatus Thunberg 1783 Nov. Ins. sp. II. 30.

|| *C. rusticus* Fabricius 1787 Mant. Ins. II. 282.

Sphaerocoris simplex H-S. 1836 Wanz. III. 104, f. 329.

S. adpersus Stål 1853 O. V. A. F. X. 210.

S. multipunctatus Stål 1865 Hem. Afr. I. 50.

Steganocerus do. Schouteden 1903 Rh. Aeth. I. 23, f. 7.

var. (b) **impluviata**

|| *Cimex argus* Fabricius 1787 Mant. Ins. II. 281.

Sphaerocoris impluviatus Germar 1839 Zeitschr. Ent. I. 77;
H-S. 1839 Wanz. V. 52, f. 499.

S. simulans Stål 1858 O. V. A. F. XV. 310.

var. (c) **hamifera**

Sphaerocoris hamiferus Stål 1853 op. cit. X. 209.

S. multipunctatus var. *hamiferus* Stål 1865 Hem. Afr. I. 51.

var. (d) **quadrinotata**

Sphaerocoris quadrinotata [Westwood] 1837 Hope Cat. I. 13.

S. quadrinotatus Germar 1839 op. cit. 80; H-S. 1839 op. cit.
8, f. 464.

S. multipunctatus var. *quadrinotatus* Schouteden 1903 op.
cit. 26, Pl. I. f. 4.

§§ Schouteden 1903 op. cit. 92, Pl. IV. f. 5 (n.).

Hyperoncus.

Stål 1870 O. V. A. F. XXVII. 615; Schouteden 1904 Gen. Ins., fasc. 24. p. 11
(type *punctellus*).

1 **complutus**

Java.

Hyperoncus complutus Breddin 1903 Soc. Ent. XVIII. 66.

2 **cyaneosparsus**

Siam.

Sphaerocoris cyaneosparsus Walker 1867 Cat. Het. I. 6.

[3] **decorsei**

Madagascar.

Hyperoncus decorsei Schouteden l. c., Pl. 1. f. 3 (not de-
scribed.)

4 **lateritius**

Assam; China (Hong-
kong).

Sphaerocoris lateritia [Westwood] 1837 Cat. Hope I, 13.

Hyperoncus lateritius Distant 1902 Faun. Ind. Rh. I. 41, f. 17.

5 **lineaticornis**

"Indian Archipelago".

Hyperoncus lineaticornis Stål 1873 Svensk. Vet. Ak. Handl.
11. no. 2. p. 7.

6 **punctellus**

Philippines.

Hyperoncus punctellus Stål 1870 O. V. A. F. XXVII. 615.

7 **uniformis**

Ceylon.

Hyperoncus uniformis Distant 1901 A. M. N. H. (7) VIII.
60; and 1902 Faun. Ind. Rh. 41.

Chiastosternum.

Chiastosternum Karsch 1895 Ent. Nachr. XXI. 265; Schouteden 1904 Gens. Ins., fasc. 24. p. 10 (type *mutabile* = *unicolor*).
Asolenidium Breddin 1897 Ent. Nachr. XXIII. 349 (type *unicolor*).
Chiatosternum Schouteden 1903 Rh. Aeth. I. 18 (laps. cal.).

1 unicolor

Sphaerocoris? unicolor Dallas 1851 List 7.

S., W. and Middle
Ethiopian Conti-
nental.

Chiastosternum mutabile Karsch 1895 op. cit. 266.

Asolenidium unicolor Breddin 1897 Ent. Nachr. XXIII. 339.

Chiatosternum do. Schouteden 1903 Rh. Aeth. I. 19, f. 6.

var. (b) annulata

Sphaerocoris annulatus Walker 1867 Cat. Het. I. 6.

Chiastosternum unicolor var. *annulatum* Schouteden 1903 op. cit. 22, Pl. I. f. 3.

var. (c) flavonotata

Sphaerocoris flavonotatus Dallas 1851 l. c.

var. (d) lineata

Chiastosternum unicolor var. *lineatus*! Distant 1901 A. S. E. Belg. XLV. 24.

var. (e) maculata

Chiatosternum unicolor var. *maculatum* Schouteden 1903 l. c.

var. (f) olivacea

Asolenidium unicolor var. *olivaceus* (!) Distant 1899 A. M. N. H. (7) IV. 32.

Tribe 5.**Elvisurini.**

This small tribe appears to be absent from the Philippines, the Manchurian Subregion and America. It is principally Australasian.

Genera	Australasian				Oriental			Ethiopian		Palearctic		American		Total Species
	Australia	New Zealand	Hawaii	Austro-Malayan	Indo-Malayan	Indochinese	Philippines	Continental	Malayan	Palearctic proper	Manchurian	America (excl. Chile)	Chile & South Patagonia	
<i>Solenosthedium</i>	—	—	—	—	1	2	—	2	1	2	—	—	—	7
<i>Elvisura</i> . . .	—	—	—	—	—	—	—	2	1	—	—	—	—	3
<i>Solenotichus</i> . .	2	—	—	—	—	—	—	—	—	—	—	—	—	2
<i>Coleotichus</i> . .	2	—	1	9	1	1	—	—	—	—	—	—	—	14
	4	—	1	9	2	3	—	4	2	2	—	—	—	26

Total: Australasian 14; Oriental 5; Ethiopian 6; Palearctic 2.

Solenosthedium.

Solenosthedium Spinola 1837 Essai Hém. 360 (type *lynceum*).

Coeloglossa Germar 1839 Zeitschr. Ent. I. 130; Stål 1865 Hem. Afr. I. 52 (same type).

Solenostethium Amyot et Serville 1843 Hém. 26; Schouteden 1903 Rh. Aeth. I. 8; and 1904 Gen. Ins., fasc. 24. p. 8 ("emend.").

Solenosthedium Vollenhoven 1863 Faune ent. indo-néerl. I. 4 (laps. cal.).

China (Macao!).

1 chinense

Solenosthedium chinense Stål 1854 O. V. A. F. XI. 231; and 1856 op. cit. XIII. 51.

2 ledereri

Coeloglossa ledereri Fieber 1861 Eur. Hem. 374.

Solenostethium ledereri Reuter 1900 Oefv. Finsk. Soc. Förh. XLII. 213.

Turkey; Syria; Cyprus.

3 **liligerum***Cimex liligerus* Thunberg 1783 Nov. Ins. Sp. II. 32.*Tetyra sehestedii* Fabricius 1803 Syst. Rh. 130.*Cimex furcifer* Wolff 1804 Ic. Cim. 133, f. 128 (not Fabricius).*Coeloglossa liligera* Stål 1865 Hem. Afr. I. 52.*Solenostethium liligerum* Schouteden 1903 Rh. Aeth. I. 9.var. (b) **attenuata***Pachycoris? attenuata* [Westwood] 1837 Cat. Hope I. 13.*Solenostethium liligerum* subsp. *attenuatum* Schouteden 1903
op. cit. 11, f. 4.var. (c) **furcifera***Cimex furcifer* Fabricius 1794 Ent. Syst. IV. 84.*Solenostethium liligerum* subsp. *furciferum* Schouteden 1903
op. cit. 10, Pl. I. f. 2.var. (d) **pallesceus***Solenostethium pallescens* Stål 1858 O. V. A. F. XV. 310.4 **bilunatum***Cimex lynceus* Fabricius 1794 op. cit. 87.*Scutellera bilunata* Lefebvre 1827 Mém. Soc. Linn. Paris VI.
102, Pl. 5. f. 5.*Coeloglossa lyncea* H-S. 1839 Wanz. V. 60, f. 502.*Solenostethium lynceum* Reuter 1900 op. cit. 212.5 **madagascariense***Solenostethium madagascariensis* Distant 1892 E. M. M.
XXVIII. 187.*Solenostethium do.* Schouteden 1903 Rh. Aeth. I. 11.6 **rubropunctatum***Scutellera rubropunctata* Guérin 1838 Voy. Coquille, Ins.
II. 157.*Solenostedium rubropunctatum* Vollenhoven 1863 Faune ent.
indo-néerl. I. 4, Pl. 1. f. 1.*Solenostethium do.* Distant 1902 Faun. Ind. Rh. 40, f. 16.7 **schulzi***Solenostethium liligerum* var. *schulzi* Schouteden 1903 Rh.
Aeth. I. 10; 1904 Gen. Ins. 9, Pl. 1. f. 2.*S. schulzi* Schouteden 1906 op. cit. (bis) p. 99 (ref.).8 **superbum***Solenostethium superbum* Schouteden 1908 A. S. E. Belg.
LII. 370.Continental Ethio-
pian Region.Mediterranean lito-
ral.

Madagascar.

India; Assam; Te-
nasserim; Burma;
Annam; Siam; Chi-
na; Java.

Usambara; Shoa.

Belgian Kongo.

Elvisura.*Elvisura* Spinola 1837 Essai Hém. 357; Mayr 1866 Novara Exp. Hem. 13; Schou-
teden 1903 Rh. Aeth. I. 4; and 1904 Gen. Ins., fasc. 24. p. 7 (type *irrorata*).
Oxyprymna Stål 1873 Svensk. Vet. Ak. Handl. 9. no. 2. p. 5 (type *spinolae* =
spinollae).1 **irrorata***Elvisura irrorata* Spinola 1837 Essai Hém. 359; Schouteden
1903 Rh. Aeth. I. 5, Pl. I. f. 1; and textfs. 1—2.Nubia; Erythrea; So-
maliland; Portu-
guese and German
East Africa; Sen-
gal; Kongo.2 **minor***Elvisura minor* Schouteden 1903 op. cit. 4 a. 6, textf. 3.

Somaliland.

3 **spinollae***Elvisura spinollae* Signoret 1861 A. S. E. France (4) I. 55,
Pl. II. f. 2.[? India.]¹⁾*E. spinolae* Distant 1902 Faun. Ind. Rh. I. 39, f. 15 („emend.”).¹⁾ Probably Ethiopian. Much of Signoret's Collection was notoriously incorrectly labelled geo-
graphically.

4 **voeltzkowi**

Madagascar.

Elvisura voeltzkowi Bergroth 1894 Ent. Nachr. XX. 357;
Schouteden 1903 Rh. Aeth. I. 7.

Solenotichus.

Solenotichus J. Martin 1897 B. S. E. France 263; Schouteden 1904 Gen. Ins., fasc. 24. p. 7 (type *brevipes*).

|| *Damelia* Distant 1899 A. M. N. H. (7) IV. 31 (type *circuliferus*).

Damellera Kirkaldy 1904 Entom. XXXVII. 280 (new name).

1 **brevipes**

"Australia."

Solenotichus brevipes J. Martin 1897 op. cit. 264.

2 **circulifer**

"Australia."

Sphaerocoris circuliferus Walker 1867 Cat. Het. I. 7.

Solenotichus do. Schouteden 1904 l. c., Pl. 1. f. 4.

Coleotichus.

Coleotichus A. White 1839 Charlesworth's Mag. N. H. (2) III. 541; Stål 1873 Svensk Vet. Ak. Handl. 9. no. 2. p. 4; Schouteden 1904 Gen. Ins., fasc. 24. p. 5; and 1905 Ann. Mus. Hung. III. p. 317 (type *costatus*).

subgen. (b) *Epicoleotichus* Schouteden 1904 Gen. p. 6 (type *excellens*!).

subgen. (c) *Paracoleotichus* Schouteden l. c. (type *sordidus*!).

(a) subgen. typ.

1 **blackburniae**

Hawaiian Isles.

Coleotichus blackburniae F. B. White 1881 A. M. N. H. (5) VIII. 52; Kirkaldy 1902 Faun. Haw. III. 172, Pl. 5. f. 49; and 1907 P. Haw. E. S. I. 144, f. 4.

C. blackburni Leth. et Sev. 1893 Cat. Hém. I. 15 (laps. cal.).

C. blackburni Schouteden 1905 Ann. Mus. Hung. III. 325, Pl. 8. f. 20.

§§ Kirkaldy 1907 l. c., figs. 2—3 (metamorphoses).

Foodplants: *Acacia koa*; *Dodonaea* etc.

2 **unicolor**

Queensland; Victoria;
S. Australia; New
Caledonia; Tonga
(Namuka).

|| *Cimex costatus* Fabricius 1787 Mant. Ins. II. 282; Donovan 1805 Ins. New Holl., Hem., Pl. 3. f. 5.

→ *Coleotichus unicolor* Dallas 1851 List 5.

C. pallidus Vollenhoven 1863 Faune ent. indo-néerl. I. 4.

Eurygaster costatus Vollenhoven op. cit. 39.

Coleotichus do. Stål 1873 l. c.; Schouteden 1905 op. cit. 321, Pl. 8. figs. 3, 13 a. 19; Pl. 9. f. 9.

(b) subgen. *Epicoleotichus*.3 **borealis**

Tai-wan[=Formosa].

Coleotichus borealis Distant 1899 A. M. N. H. (7) IV. 31; Schouteden 1905 op. cit. 334, Pl. 8. f. 6; Pl. 9. figs. 1 a. 11.

4. **excellens**

Queensland; New
Caledonia; Samoa.

Coleotichus excellens Walker 1867 Cat. Het. I. 3; Distant 1899 op. cit. 30; Schouteden 1905 op. cit. 328, Pl. 8. figs. 4 a. 21; Pl. 9. f. 10.

5 **handlirschi**

"Australia."

Coleotichus handlirschi Schouteden 1905 op. cit. 320 a. 332, Pl. 8. figs. 5 a. 14.

(c) subgen. *Paracoleotichus*.6 **artensis**

New Caledonia; Art;
N. Queensland; Mu-
rua.

Scutellera artensis Montrouzier 1858 A. S. Linn. Lyon V. 259.
Coleotrictus marginatus Signoret 1861 A. S. E. France (4) I. 59 (laps. cal.).

Coleotichus testaceus Walker 1867 op. cit. 2.

C. artensis Schouteden 1905 op. cit. 336, Pl. 8. figs. 2, 7 a. 15; Pl. 9. figs. 2 a. 12; and 1907 A. S. E. Belg. Li. 107.

Foodplant: *Ceanothus capsularis*.

7 **biroi**

Coleotichus biroi Schouteden 1905 Ann. Mus. Hung. III. 320 a. 340, Pl. 8. figs. 9 a. 16; Pl. 9. figs. 4 a. 13.

Papua.

8 **breddini**

Coleotichus breddini Schouteden 1905 op. cit. 321 a. 344, Pl. 8. f. 11 and Pl. 9. f. 5, textf.

Marianas Isles (in Micronesia); Carolines (Yap).

9 **discrepans**

Coleotichus discrepans Walker 1867 l. c.; Schouteden 1905 op. cit. 339, Pl. 8. f. 8; Pl. 9. f. 3.

N. Queensland; New Caledonia.

10 **fuscus**

Coleotichus fuscus Vollenhoven 1863 op. cit. 59; Stål 1873 op. cit. 5; Schouteden 1905 op. cit. 351, Pl. 8. f. 17; Pl. 9. f. 6.

Amboina, Ceram.

11 **nigrovarius**

Coleotichus nigrovarius Walker 1867 l. c.; Schouteden 1905 op. cit. 358, Pl. 9. f. 8.

Fiji.

C. stramineifera Berg. 1915

12 **sordidus**

Coleotichus sordidus Walker 1867 op. cit. 1; Schouteden 1904 Gen. p. 6, Pl. 1. f. 1; and 1905 Ann. Mus. Hung. III. 355, Pl. 8. figs. 12 a. 18; Pl. 9. figs. 7 a. 15.

New Caledonia; Isle of Pines; Fiji [? Australia].

C. nigrovarius Stål 1873 op. cit. 4 (not Walker).

13 **sumatranus**

Coleotichus sumatranus Breddin 1900 Stett. E. Z. LXI. 276; Schouteden 1905 op. cit. 348, Pl. 8. f. 10; Pl. 9. f. 14.

Sumatra.

Subfamily 8.
Aphylinae.

Only one genus is known, from South Australia.

Aphylum.

Bergroth 1906 Zool. Anz. XXIX. 644; Schouteden 1906 A. S. E. Belg. L. 215
(type *syntheticum*).

1 **bergrothi**

Australia.

Aphylum bergrothi Schouteden l. c.

2 **syntheticum**

S. Australia.

Aphylum syntheticum Bergroth op. cit. 646, figs. 1—2; Schouteden l. c.

[It is possible that *Canopus* is related here.]

Subfamily 9.
Coptosominae.
(= *Plataspidae* auctt.)

Stål 1876 Svensk. Vet. Ak. Handl. 14. no. 4. pp. 3—4 (table of 11 genera).

Stål 1865 Hem. Afr. I. 1—2 (table of 9 genera).

Dallas 1851 List 61 (table of 8 genera).

Distant 1902 Faun. Ind. Rh. I. 3—4 (table of 12 Indo-Sinhalese genera).

Montandon cf. numerous revisional papers in *Revue d'Entomologie*, A. S. E. Belg., Ann. Mus. Genova, Bull. S. Sci. Bucarest etc.

Vollenhoven in *Faune entom. indo-néerl.* I. (see "*Scutellerinae*").

This peculiar subfamily has a superficial likeness to the typical *Thyreocoridae*, but the abdominal structure is very different. It is entirely absent from America, from New Zealand and Hawaii, and only poorly represented in the Palaearctic Region and Australian Mainland (except N. Queensland).

Genera	Australasian				Oriental			Ethiopian		Palaearctic		America		Total Species
	Australia	New Zealand	Hawaii	Austro-Malayan	Indo-Malayan	Indochinese	Philippines	Continental	Malayan	Palaearctic proper	Manchurian	America (excl. Chile)	Chile a. South Patagonia	
<i>Heterocrates</i> . . .	—	—	—	—	1	—	—	—	—	—	—	—	—	1
<i>Aphanopneuma</i> . . .	—	—	—	—	—	—	—	3	—	—	—	—	—	3
<i>Montandonistella</i> . . .	—	—	—	—	—	—	—	1	—	—	—	—	—	1
<i>Severiniella</i> . . .	—	—	—	—	—	—	—	4	—	—	—	—	—	4
<i>Handhirschiella</i> . . .	—	—	—	—	—	—	—	2	—	—	—	—	—	2
<i>Ceratocoris</i> . . .	—	—	—	—	—	—	—	3	—	—	—	—	—	3
<i>Libyaspis</i> . . .	—	—	—	—	—	—	—	16	8	—	—	—	—	24
<i>Gelastaspis</i> . . .	—	—	—	—	—	—	—	1	—	—	—	—	—	1
<i>Niamia</i> . . .	—	—	—	—	—	—	—	1	—	—	—	—	—	1
<i>Cantharodes</i> . . .	—	—	—	—	—	—	—	5	—	—	—	—	—	5
<i>Apotomogonius</i> . . .	—	—	—	—	—	—	—	2	—	—	—	—	—	2
<i>Isoplatys</i> . . .	—	—	—	—	—	—	—	1	—	—	—	—	—	1
<i>Madegaschia</i> . . .	—	—	—	—	—	—	—	—	2	—	—	—	—	2
<i>Montandoneus</i> . . .	—	—	—	—	—	—	—	1	—	—	—	—	—	1
<i>Caternaultiella</i> . . .	—	—	—	—	—	—	—	5	—	—	—	—	—	5
<i>Ponsila</i> . . .	—	—	—	—	1	1	—	3	—	—	—	—	—	5
<i>Tarichea</i> . . .	—	—	—	—	—	2	—	—	—	—	—	—	—	2
<i>Calacta</i> . . .	—	—	—	—	—	2	—	—	—	—	—	—	—	2
<i>Dolichisme</i> . . .	—	—	—	—	1	—	—	—	—	—	—	—	—	1
<i>Oncylaspis</i> . . .	—	—	—	—	—	1	—	—	—	—	—	—	—	1
<i>Cronion</i> . . .	—	—	—	—	1	—	—	—	—	—	—	—	—	1
<i>Spathocrates</i> . . .	—	—	—	—	2	—	—	—	—	—	—	—	—	2
<i>Brachyplatys</i> . . .	1	—	—	13	10	11	5	5	3	—	—	—	—	38

Genera	Australasian				Oriental			Ethiopian		Palearctic		America		Total Species
	Australia	New Zealand	Hawaii	Austro-Malayan	Indo-Malayan	Indo-Chinese	Philippines	Continental	Malayan	Palearctic proper	Manchurian	America (excl. Chile)	Chile & South Patagonia	
<i>Scleropelta</i> . . .	—	—	—	—	1	1	—	—	—	—	—	—	—	1
<i>Oscula</i>	—	—	—	—	—	—	1	—	—	—	—	—	—	1
<i>Pelioderma</i> . . .	—	—	—	—	—	—	—	1	—	—	—	—	—	1
<i>Tiarocoris</i> . . .	—	—	—	—	1	4	—	—	—	—	—	—	—	4
<i>Codronchus</i> . . .	—	—	—	—	1	—	—	—	—	—	—	—	—	1
<i>Cratoplatys</i> . . .	—	—	—	—	—	1	—	—	—	—	—	—	—	1
<i>Fieberisca</i> . . .	—	—	—	—	—	1	—	—	—	—	—	—	—	1
<i>Coptosoma</i> . . .	4	—	—	36	56	71	15	46	11	5	14	—	—	220
<i>Pseudoponsila</i> . .	—	—	—	—	—	—	—	1	—	—	—	—	—	1
<i>Vigetis</i>	—	—	—	—	—	1	—	—	—	—	—	—	—	1
<i>Tropidotylus</i> . .	—	—	—	—	1	1	—	—	—	—	—	—	—	2
<i>Bozius</i>	—	—	—	—	—	2	—	—	—	—	—	—	—	2
<i>Schizometopus</i> . .	—	—	—	1	—	—	—	—	—	—	—	—	—	1
<i>Livingstonisca</i> . .	—	—	—	—	—	—	—	1	—	—	—	—	—	1
<i>Probaenops</i> . . .	—	—	—	—	—	—	—	3	—	—	—	—	—	3
	5	—	—	50	76	99	21	105	24	5	14	—	—	349

Total: Australasian 55; Oriental 196; Ethiopian 129; Palearctic 19.

Heterocrates.

Amyot et Serville 1843 Hém. 62 (type *marginatus*).

1 *marginatus*

—?— *marginatus* Thunberg —?— (sec. Stål).

Plataspis coracina A. White 1839 A. M. N. H. (2) III. 540, f. 68c.

Heterocrates coracinus Amyot et Serville 1843 Hém. 63.

Sumatra; Java; Borneo; Nias Is.

Aphanopneuma.

Westwood 1847 T. E. S. London IV. 244; Stål 1865 Hem. Afr. I. 2 a. 6 (type *biloba*).

1 *biloba*

Plataspis biloba Westwood 1846 P. E. S. London IV. p. CXLII; and 1847 T. E. S. London IV. 244, Pl. 18. f. 2.

Nigeria; Ivory Coast.

2 *sellata*

Heterocrates sellatus Signoret 1851 Rev. Mag. Zool. 442, Pl. 12. f. 3.

Guinea; Fr. Kongo.

Aphanopneuma sellata Stål 1865 op. cit. 7.

3 *stali*

Aphanopneuma biloba Stål 1865 op. cit. 6 (not Westwood).
A. stali Montandon 1893 Rev. Ent. XI. 297.

Guinea; Nigeria.

4 *vicina*

Aphanopneuma vicina Schouteden 1908 A. S. E. Belg. LII. 368.

Belgian Kongo.

Montandonistella.

|| *Montandoniella* Schouteden 1904 Mem. Soc. Españ. I. 144 (type *femorata*).

|| *Montandonista* Schouteden 1905 Wien. Ent. Zeit. XXIV. 51 (new name).

Montandonistella Schouteden 1905 A. S. E. Belg. XLIX. 50 (new name).

Guinea.

1 *femorata*

Montandoniella femorata Schouteden 1904 Mem. Soc. Españ. I. 144.

Severiniella.

- Severiniella* Montandon 1894 A. S. E. Belg. XXVIII. 619 (type *haasi*).
Elapheozygum Kuhlitz 1900 Sb. Ges. Nat. Fr. Berlin 120 (type *goetzei*).
 1 **cameroni** Br. Nyasaland.
Severiniella cameroni Distant 1902 Ann. S. Afr. Mus. II. 252.
 2 **goetzei** "E. Africa."
Elapheozygum goetzei Kuhlitz 1900 op. cit. 125, figs. 1—3.
 3 **haasi** Belgian Kongo.
Severiniella haasi Montandon 1894 op. cit. 620, textf.
 4 **montandoni** Angola; Benguela.
Severiniella montandoni Breddin 1898 Ent. Nachr. XXIV. 262.

Codronchus.

- Distant 1901 A. M. N. H. (7) VIII. 233; 1902 Faun. Ind. Rh. I. 3 a. 4 (type *andamensis*).
 1 **andamensis** Andaman Is.
Codronchus andamensis Distant 1901 loc. cit., and 1902 op. cit. 5, f. 1.[^]

Cratoplatys.

- Montandon 1894 Ann. Mus. Genova (2) XIV. 113; Distant 1902 l. c. (type *gestroi*).
 1 **gestroi** Burma.
Cratoplatys gestroi Montandon 1894 op. cit. 120; Distant 1902 loc. cit., f. 2.

Handhirschiella.

- Handhirschiella* Montandon 1893 Rev. Ent. XI. 294 (type *aenea*).
Handhirschiella Montandon 1893 Rev. Ent. XI. 313 ("emend.").
 1 **aenea** French Kongo; Gabun.
Handhirschiella aenea Montandon 1893 op. cit. 295.
 2 **emarginata** French Kongo; Gabun.
Handhirschiella emarginata Montandon 1893 op. cit. 296.
Handhirschiella do. Montandon 1893 op. cit., XII. 224.

Ceratocoris.

- A. White 1842 T. E. S. London III. 90; Stål 1865 Hem. Afr. I. 2 (type *bucephalus*).
 1 **bucephalus** Nigeria; Gold Coast; Ashanti; Ivory Coast.
Plataspis bucephalus A. White 1841 Entom. I. 136; Westwood 1847 T. E. S. London IV. 243, Pl. 18. f. 1.
P. dispar Spinola 1850 Mem. Soc. Ital. Modena XXV. p. 104.
Ceratocoris bucephalus Stål 1865 loc. cit.
 2 **cephalicus** Belgian Kongo.
Ceratocoris cephalicus Montandon 1899 A. S. E. Belg. XLIII. 126.
 3 **seeldrayersi** Belgian Kongo.
Ceratocoris seeldrayersi Montandon 1896 op. cit. XL. 86.
 4 **colmanti** Belgian Kongo.
Ceratocoris colmanti Schouteden 1906 A. S. E. Belg. LII. 368.
 5 **horni** Uganda.
Ceratocoris horni Schouteden 1908 op. cit. 369.

Gelastaspis.

- Gelastaspis* Kirkaldy 1902 Entom. XXXV. 166 (type *browni*).
Gelastaspis Zool. Rec. for 1902 p. 268 (laps. cal.)
 1 **browni** British Central Africa.
Gelastaspis browni Kirkaldy loc. cit.
 Foodplant: Coffea.

Libyaspis.

Thyreocoris Amyot et Serville 1843 Hém. 61 (not Schrank).

Plataspis Stål 1865 Hem. Afr. I. 3; Haglund 1894 O. V. A. F. LI. 387—91; Montandon 1896 A. S. E. Belg. XL. 89—92 (not Westwood).

Libyaspis Kirkaldy 1902 Entom. XXXV. 136 (type *coccinelloides*).

- 1 **aurivillii** Kamerun.
Plataspis aurivillii Haglund 1894 op. cit. 388 a. 391.
- 2 **coccinelloides** Madagascar [Brazil
in error].
Canopus coccinelloides Lap. 1833 Essai Hém. 85, Pl. 55. f. 5.
Plataspis coccinelloides Stål 1865 Hem. Afr. I. 3; and 1876
Svensk. Vet. Ak. Handl. 14. no. 4. p. 5; Montandon
1896 A. S. E. Belg. XL. 87; Haglund 1894 op. cit. 391.
var. **madagascariensis**
† *Platycephala madagascariensis* Guérin 1834 Dict. pitt.
hist. nat. I. 623, Pl. 72. f. 3.
Plataspis cocciformis [Westwood] 1837 Cat. Hope I. 16.
Canopus do. Blanchard 1840 Hist. Nat. Ins. III. 162, Hém.
Pl. 8. f. 7.
- 3 **conspersa** Madagascar.
Plataspis conspersa Montandon 1892 Rev. Ent. XI, 277; and
1896 A. S. E. Belg. XL. 91; Haglund 1894 op. cit. 392.
- 4 **ebenina** Madagascar.
Canopus ebeninus Blanchard 1840 H. N. Ins. III. 162.
Plataspis ebenina Montandon 1897 A. S. E. France LXV. 440.
- 5 **flavosparsa** Belgian Kongo.
Plataspis flavosparsa Montandon 1894 A. S. E. Belg. XXVIII.
622; and 1896 op. cit. XL. 91.
- 6 **funebria** Madagascar.
Plataspis funebria Montandon 1899 op. cit. XLIII. 129.
- 7 **galerucoides** Angola.
Plataspis galerucoides Walker 1867 Cat. Het. I. 109.
- 8 **guirali** Kongo.
Plataspis guirali Montandon 1897 A. S. E. France LXV. 442.
- 9 **guttulata** French Kongo.
Plataspis guttulata Montandon 1892 Rev. Ent. XI. 276; 1896
A. S. E. Belg. XL. 91; and 1897 A. S. E. France
LXV. 441.
- 10 **haglundii** Madagascar.
Plataspis haglundii Montandon 1896 A. S. E. Belg. XL. 89.
- 11 **horvathi** Kamerun.
Plataspis horvathi Haglund 1894 O. V. A. F. LI. 387.
- 12 **irrorata** Nigeria; Natal.
Plataspis irrorata Dallas 1851 List 73; Stål 1865 Hem. Afr.
I. 4; Montandon 1896 A. S. E. Belg. XL. 91.
P. verrucosa Signoret 1858 Thoms. Arch. Ent. II. 275.
- 13 **maculosa** Kongo.
Plataspis maculosa Montandon 1899 op. cit. XLIII. 127.
- 14 **nigrita** Madagascar.
Plataspis nigrita [Westwood] 1837 Cat. Hope I. 17; Germar
1839 Zeitschr. Ent., I. 31; Haglund 1894 op. cit. 392;
Montandon 1896 A. S. E. Belg. XL. 92.
- 15 **notatipes** Orange River Colony.
Plataspis notatipes Montandon 1896 A. S. E. Belg. XL. 92.
- 16 **plagifera** Guinea; Kongo; Zanzibar.
Plataspis plagifera Montandon 1892 Rev. Ent. XI. 275; and
1896 A. S. E. Belg. XL. 92.

- var. (b) **punctulata**
Plataspis plagifera var. *punctulata* Montandon 1896 l. c.
- 17 **pulehella** Fr. Kongo.
Plataspis pulchella Montandon 1893 Rev. Ent. XII. 224; and 1896 A. S. E. Belg. XL. 90.
- 18 **punctata** Guinea; Fr. Kongo.
Canopus punctatus Leach 1819 Bowdich's Miss. Ashantee, App. 496; Gray 1832 Griffith's An. Kingd. XV. 233, Pl. 92. f. 2.
Plataspis gambeyi Montandon 1892 Rev. Ent. XI. 273.
P. punctata Haglund 1894 op. cit. 391; Montandon 1896 A. S. E. Belg. XL. 90; and 1897 A. S. E. France LXV. 441.
- 19 **semiglobosa** Cape Colony; Transvaal.
Plataspis semiglobosa Stål 1853 O. V. A. F. X. 213; and 1865 Hem. Afr. I. 6; and 1876 Svensk. Vet. Ak. Handl. 14. no. 4. p. 6; Haglund 1894 l. c.; Montandon 1896 op. cit. 91.
- 20 **singularis** Madagascar.
Plataspis singularis Haglund 1894 op. cit. 390 a. 392.
- 21 **tenuipicta** German E. Africa [Kagera, Nile].
Plataspis tenuipicta Montandon 1894 A. S. E. Belg. XXXVIII. 623.
- 22 **variegata** Madagascar.
Platycephala variegata Guérin Dict. pitt. hist. nat. Suppl. 9 p. 626 a. 1849 in d'Orbigny's Dict. univ. hist. nat. Zool. Hem. Pl. 4. f. 8.
Thyreocoris punctatus Amyot et Serville 1843 Hém. 62.
Plataspis variegata Stål 1865 Hem. Afr. I. 5; and 1876 Svensk. Vet. Ak. Handl. 14. no. 4. p. 5; Haglund 1894 O. V. A. F. LI. 391; Montandon 1896 A. S. E. Belg. XL. 90.
- 23 **vermicellaris** Guinea; Kongo; Kamerun.
Plataspis vermicellaris Stål 1858 O. V. A. F. XV. 434; Haglund 1894 op. cit. 387 a. 391; Montandon 1896 loc. cit.
- 24 **wahlbergi** Cape Colony; Natal; Sierra Leone.
Plataspis wahlbergi Stål 1853 O. V. A. F. X. 212; and 1865 Hem. Afr. I. 4; Montandon 1896 op. cit. 91.
- 25 **congolensis** Belgian Kongo.
Plataspis congolensis Schouteden 1908 A. S. E. Belg. LII. 369.
- 26 **lallemandi** Belgian Kongo.
Plataspis lallemandi Schouteden 1908 l. c.

Niamia.

Horváth 1892 Termész. füzet. XV. 254; Montandon 1893 Rev. Ent. XII. 223 (type *angulosa*).

- 1 **angulosa** French Kongo.
Niamia angulosa Horváth loc. cit.
Plataspis do. Haglund 1894 O. V. A. F. LI. 388.

Cantharodes.

Westwood 1847 T. E. S. London IV. 245; Montandon 1893 Rev. Ent. XI. 298 (type *cfenosus*). *sep. 265*

- 1 **bouvieri** Kongo.
Cantharodes bouvieri Montandon 1897 A. S. E. France LXV. 438.

- 2 **caenosus** *Cantharodes caenosus* Westwood 1847 T. E. S. London IV. 245, Pl. 18. f. 3. W. Africa.
- 3 **jaspideus** *Coptosoma jaspidea* Fairmaire 1858 Thomson's Arch. II. 275, Pl. 9. f. 4. French Kongo; Guinea; Kamerun.
- Apotomogonius jaspideus* Haglund 1894 O. V. A. F. LI. 392.
- Cantharodes tibialis* Montandon 1896 A. S. E. Belg. XL. 93.
- C. jaspideus* Montandon 1897 A. S. E. France LXV. 436.
- 4 **nubilosus** *Cantharodes nubilosus* Montandon 1893 Rev. Ent. XI. 299; and 1897 A. S. E. France LXV. 437. Kongo.
- 5 **rutherfordi** *Cantharodes rutherfordi* Distant 1878 Ent. Mo. Mag. XIV. 246. Kamerun.

Apotomogonius.

Montandon 1893 Rev. Ent. XI. 301 (type *exornatus*).

- 1 **exornatus** *Apotomogonius exornatus* Montandon 1893 op. cit. 302; Haglund 1894 l. c. French Kongo; Kamerun.
- 2 **maculatus** *Apotomogonius maculatus* Montandon 1896 A. S. E. Belg. XL. 95. Belgian and French Kongo.

Isoplatys.

Montandon 1893 Rev. Ent. XI. 303 (type *flavonotatus*).

- 1 **flavonotatus** *Isoplatys flavonotatus* Montandon 1892 loc. cit. French Kongo.

Montandoneus.

|| *Gabonia* Montandon 1894 A. S. E. Belg. XXXVIII. 243 (type *irradiata*).

Montandoneus Kirkaldy 1904 Entom. XXXVII. 280 (new name).

- 1 **irradiatus** *Gabonia irradiata* Montandon 1894 op. cit. 244. French Kongo.

Caternaultiella.

Caternaultiella Spinola 1850 Mem. Soc. Ital. Modena XXV. 28, and sep. 61 (type *guineensis*).

|| *Montandonia* Haglund 1894 O. V. A. F. LI. 394 (type *punctata*).

- 1 **ferruginea** *Caternaultiella ferruginea* Montandon 1899 A. S. E. Belg. XLIII. 131. Belgian Kongo.
- 2 **guineensis** *Caternaultiella guineensis* Spinola 1850 op. cit. sep. 63. Guinea.
- 3 **haglundii** *Caternaultiella haglundii* Montandon 1896 op. cit. XL. 131. Kongo.
- 4 **longirostris** *Montandonia longirostris* Haglund 1894 op. cit. 396. Kamerun.
- 5 **punctata** *Montandonia punctata* Haglund 1894 op. cit. 395. Kamerun.
- 6 **rugosa** *Caternaultiella rugosa* Schöuteden 1908 A. S. E. Belg. LII. 370. Belgian Kongo.

Madegaschia.

Montandon 1894 A. S. E. Belg. XXXVIII. 624 (type *distanti*).

- 1 **distanti** *Madegaschia distanti* Montandon 1894 op. cit. 626. Madagascar.

- 2 **polita** Madagascar.
Madegaschia polita Montandon 1894 l. c.
- 3 **punctata** Madagascar.
Madegaschia punctata Montandon 1900 Temész. füzet. XXIII.
 415.

Ponsila.

- Stål 1858 O. V. A. F. XVIII. 433; and 1865 Hem. Afr. I. p. 2 a. 7 (type *luctans*).
- 1 **escalerai** Guinea.
Ponsila escalerai Schouteden 1904 Mem. S. Españ. I. 142.
- 2 **insolita** Paláwan Is.
Ponsila insolita Montandon 1893 A. E. S. Belg. XXXVII. 558.
- 3 **luctans** Guinea.
Ponsila luctans Stål 1858 O. V. A. F. XVIII. 433; and
 1865 Hem. Afr. I. 7.
- 4 **montana** Assam.
Ponsila montana Distant 1901 A. M. N. H. (7) VIII. 234;
 and 1902 Faun. Ind. Rh. I. 8, f. 5.
- 5 **severini** French Kongo.
Ponsila severini Montandon 1893 Rev. Ent. XI. 304.

Tarichea.

- Tarichea* Stål 1865 A. S. E. France (4) V. 163 (type *chinensis*).
Taricha Walker 1867 Cat. Het. I. 110 (laps. cal.).
- 1 **chinensis** China (Hongkong
 and "Fow-choo-foo").
Plataspis chinensis Dallas 1851 List 74.
Tarichea do. Stål 1865 loc. cit.
- 2 **nitens** N. India (Himalayas).
Plataspis nitens Dallas loc. cit.
Taricha do. Sharp 1890 T. E. S. London 415, Pl. XIV. f. 28.
Tarichea do. Distant 1902 Faun. Ind. Rh. I. 6. f. 3.

Calacta.

- Stål 1865 A. S. E. France (4) V. 163 (type *lugubris*).
- 1 **lugubris** China (Hongkong).
Calacta lugubris Stål 1865 loc. cit.
- 2 **rufonotata** Siam.
Calacta rufonotata Stål 1865 op. cit. 164.

Dolichisme.

- || *Tetrisia* Walker 1867 Cat. Het. I. 111 (type *bruchoides*).
Dolichisme Kirkaldy 1904 Entom. XXXVII. 280 (new name).
- 1 **bruchoides** Malay Pen.: Singa-
 pur.
Tetrisia bruchoides Walker 1867 op. cit. 112.

Oncylaspis.

- Stål 1865 Hem. Afr. I. 2 (type *ruficeps*).
- 1 **ruficeps** Tenasserim; Burma;
 Cochin China.
Plataspis ruficeps Dallas 1851 List 73.
Oncylaspis do. Stål 1866 Berlin. E. Z. X. 151; Distant 1902
 Faun. Ind. Rh. I. 7, f. 4.

Cronion.

- || *Poseidon* Vollenhoven 1865 Tijdschr. Ent. VIII. 63 (type *malayanus*).
Cronion Bergroth 1891 Rev. Ent. X. 214 (new name).

1 **malayanus**

Malacca.

Poseidon malayanus Vollenhoven 1865 op. cit. 64, Pl. 1. figs.
3 a. 4; Atkinson 1887 J. Asiat. Soc. Bengal. LV. (2) 26.

Spathocrates.

Montandon 1893 Ann. Mus. Genova (2) XIII. 294 (type *atroaeus*).

1 **atroaeus**

Engano Is. (off Sumatra); Borneo.

Spathocrates atroaeus Montandon 1893 op. cit. 295.

2 **histeroides**

Borneo.

Brachyplatys histeroides Walker 1867 Cat. Het. I. 107.

Brachyplatys.

Coptosoma subg. || *Platycephala* Laporte 1832 Essai Hém. 73 (type *metallica*).

Brachyplatys Boisduval 1835 Voy. Astrolabe Ent. II. 627; Stål 1865 Hem. Afr.

I. 2. a. 8 (type *vanikorensis*).

Plataspis [Westwood] 1837 Cat. Hope I. 16 (new name for *Platycephala*).

§ Westwood (1839?) Intr. Class. Ins. II. 487 (n.).

1 **aeneus**

Java; Malacca.

Brachyplatys aenea Dallas 1851 List 71; Vollenhoven 1863 Faun. Indo-néerl. I. 56.

B. niger Atkinson 1889 J. Asiat. S. Bengal LVII. (2) 342.

2 **aethiops**

Guinea; Assinie; Sierra Leone.

Brachyplatys aethiops Dallas 1851 op. cit. 69.

B. incertus Reuter 1882 Oefv. Finsk. Vet. Förh. XXV. 2.

3 **birói**

Papua.

Brachyplatys birói Montandon 1900 Termész. füzet. XXIII. 414.

4 **burmeisteri**

Assam; Java; Penang (Is. off Malay Pen.).

Thyreocoris silphoides Burmeister 1835 Handb. Ent. II. 384 (not Fabricius).

Brachyplatys burmeisteri Distant 1879 A. M. N. H. (5) IV. 46; and 1902 Faun. Ind. Rh. I. 12.

5 **capito**

Tahiti; Fiji!

Brachyplatys capito Montandon 1894 A. S. E. Belg. XXXVIII. 249.

6 **caeruleatus**

Murua Is. (= Woodlark).

Brachyplatys caeruleatus Montandon 1896 Ann. Mus. Genova XXXVII. 111.

7 **carolinae**

India (Sikkim).

Brachyplatys carolinae Atkinson 1889 J. Asiat. S. Bengal LVII. (2) 341; Distant 1902 Faun. Ind. Rh. I. 11, f. 6.

8 **cingalensis**

Ceylon.

Brachyplatys cingalensis Stål 1855 O. V. A. F. XII. 181; and 1856 op. cit. XIII. 54; Distant 1902 op. cit. 9.

9 **deplanatus**

China (Macao); Philippines (Luzon); Papua; Aru.

Scutellera deplanata Eschscholz 1822 Dorpat. Nat. Abh. I. 158.

Thyreocoris complanata Burmeister 1834 Act. Ac. Leop. Car. Nat. XVI. Suppl. 289, Pl. 41. f. 3.

T. deplanatus Germar 1839 Zeitschr. Ent. I. 33; H-S. 1839 Wanz. V. 14, f. 475.

Plataspis scipio A. White 1842 Gray's Zool. Misc. I. 80.

Brachyplatys paucifera Walker 1867 Cat. Het. I. 105.

B. deplanatus Stål 1876 Svensk. Vet. Ak. Handl. 14. no. 4. p. 7.

10 **flaviceps**

N. Queensland; N. Terr. of S. Australia. [Brazil in error].

Cimex flavipes Fabricius 1775 Syst. Ent. 700.

Plataspis flaviceps [Westwood] 1837 Cat. Hope I. 17.

Thyreocoris do. Germar 1839 op. cit. 35.

- Tetyra flavipes* Schiødt 1842 Nat. Tidskr. IV. 304.
Brachyplatys do. Stål 1868 Svensk. Vet. Ak. Handl. 7. no. 11.
 p. 5; and 1876 op. cit. 14. no. 4. p. 7.
- 11 **flavosparsus** Borneo.
Brachyplatys flavosparsus Bergroth 1892 Wien. E. Z. XI. 171.
- 12 **funebri** Assam.
Brachyplatys funebris Distant 1901 A. M. N. H. (7) VIII.
 235; and 1902 Faun. Ind. Rh. I. 13.
- 13 **hemisphaericus** Madagascar; Nossi-
Plataspis hemisphaerica [Westwood] 1837 Cat. Hope I. 17.
Thyreocoris hemisphericus (!) Germar 1839 Zeitschr. Ent. I. 35.
Brachyplatys stumpffii Reuter 1887 Ent. Tidskr. VIII. 77.
 be. [Brazil in error].
- 14 **humeralis** N. India; Siam.
Brachyplatys humeralis Montandon 1897 A. S. E. France
 LXV. 446; Distant 1902 Faun. Ind. Rh. I. 9.
 var. (b) **major** Montandon 1897 op. cit. 447.
- 15 **interruptus** Sula Isls. (near Ce-
Brachyplatys interrupta Walker 1867 Cat. Het. I. 106;
 Distant 1899 A. M. N. H. (7) IV. 213.
 lebes).
- 16 **laticeps** "Australia."
Brachyplatys laticeps Montandon 1896 A. S. E. Belg. XL. 429.
- 17 **medius** Senegal.
Brachyplatys media Walker 1867 Cat. Het. III. 527.
- 18 **metallicus** — ?
Platycephala metallica Laporte 1832 Essai Hém. 73.
Thyreocoris metallicus Germar 1839 Zeitschr. Ent. I. 36.
- 19 **mungo** Philippine Is.
Plataspis mungo A. White 1842 Gray's Zool. Misc. I. 80.
- 20 **nigripes** Philippine Is.
Brachyplatys nigripes Stål 1876 Svensk. Vet. Ak. Handl.
 14. no. 4. p. 8; Montandon 1896 A. S. E. Belg. XL. 432.
- 21 **nigriventris** Java; Sumatra.
Plataspis nigriventris [Westwood] 1837 Cat. Hope I. 18;
 Vollenhoven 1863 Faun. indo-néerl. I. 55.
Thyreocoris silphoides H-S. 1838 Wanz. IV. 83, f. 415 (not
 Fabricius).
T. nigriventris Germar 1839 op. cit. 34.
Brachyplatys do. Stål 1876 Svensk. Vet. Ak. Handl. 14. no.
 4. p. 8; Koningsberger 1903 Med. 's lands. plant.
 LXIV. 90, Pl. 3. f. 13.
 Foodplants: Leguminosae.
- 22 **nitidus** "India orientalis."
Plataspis nitida [Westwood] 1837 Cat. Hope I. 17.
Thyreocoris nitidus Germar 1839 Zeitschr. Ent. I. 35.
 † *Brachyplatys* do. Atkinson 1887 J. Asiat. Soc. Bengal LV.
 (2) 29.
- 23 **obscurus** Papua.
Brachyplatys obscurus Montandon 1896 A. S. E. Belg. XL. 428.
- 24 **pacificus** Sula; Jilolo; Marianas
Brachyplatys pacifica Dallas 1851 List 70.
 Isles; Wallis Is.;
B. intacta Walker 1867 Cat. Het. I. 106.
 Fiji!; Tonga.
B. cupreata Walker 1867 op. cit. 107.
- 25 **pallifrons** Timor; Ceram.
Brachyplatys pallifrons Vollenhoven 1863 Faun. indo-néerl.
 I. 55, Pl. 4. f. 10.
B. indotata Walker 1867 Cat. Het. I. 104.

- 26 **papua**
Scutellera papua Guérin 1838 Voy. Coquille, Zool. II. 157,
 Pl. XI. f. 6.
Thyreocoris do. Germar 1839 Zeitschr. Ent. I. 35.
Brachyplatys ruptilinea Walker 1867 Cat. Het. I. 105.
- 27 **picturifrons**
Brachyplatys picturifrons Walker 1867 op. cit. 103.
- 28 **punctipes**
Brachyplatys punctipes Montandon 1894 Ann. Mus. Genova
 (2) XIV. 122; Distant 1902 Faun. Ind. Rh. I. 11.
- 29 **raffrayi**
Brachyplatys raffrayi Montandon 1897 A. S. E. France
 LXV. 444.
- 30 **liturifrons**
 || *Cimex silphoides* Fabricius 1794 Ent. Syst. IV. 86.
Tetyra do. Fabricius 1803 Syst. Rh. 141; Schiødte 1842 Nat.
 Tidskr. IV. 301.
Brachyplatys liturifrons Walker 1867 Cat. Het. I. 102.
B. silphoides Stål 1863 Svensk. Vet. Ak. Handl. 7. no. 11.
 p. 5; Distant 1902 op. cit. 12.
 § Westermann 1821 Mag. Ent. IV. ex. 411—27; and Silb.
 Rev. Ent. I. 163 (greatly damages rice in India)¹.
 Foodplant: *Oryza sativa*.
- 31 **subaeneus**
Plataspis subaenea [Westwood] 1837 Cat. Hope I. 17.
Thyreocoris septus Germar 1839 Zeitschr. Ent. 32.
Brachyplatys bistriga Walker 1867 Cat. Het. I. 100.
B. cambodica Walker op. cit. 101.
B. cognata Walker loc. cit.
B. adjuncta Walker loc. cit.
B. contigua Walker op. cit. 103.
B. subaeneus Breddin 1900 Stett. E. Z. 275; Distant 1902
 Faun. Ind. Rh. I. 11.
- var. (b) **crux**
Brachyplatys crux Vollenhoven 1863 Faune ent. indo-néerl.
 I. 54, Pl. 4. f. 9.
- var. (c) **pauper**
Brachyplatys pauper Vollenhoven 1863 l. c.
B. quinquepunctata Walker 1867 l. c.
- var. (d) **intermedia** Breddin 1900 l. c.
- 32 **testudonigra**
Cimex testudonigra de Geer 1778 Mém. VII. 617, Pl. 46.
 figs. 4—5.
C. pallipes Fabricius 1781 Spec. Ins. II. 343.
C. acaroides Thunberg 1783 Nov. ins. sp. II. 29.
Thyreocoris pallipes Germar 1839 op. cit. 31; H-S. 1839 Wanz.
 V. 15 a. 31, f. 477.
Brachyplatys do. Stål 1865 Hem. Afr. I. 8.
B. calabarica Walker 1867 Cat. Het. I. 99.
B. negamica Walker 1867 l. c.
- var. (b) **mascarena** nov.
B. testudonigra var.? Montandon 1897 A. S. E. France
 LXV. 440.
- 33 **translineatus**
Brachyplatys translineata Walker 1867 op. cit. 105.
B. translineatus Montandon 1896 A. S. E. Belg. XL. 431.

Papua.

Celebes.

India (throughout);
Burma; China.

Papua.

India; China; Sará-
wak.India (throughout);
Tenasserim; Bur-
ma; Ceylon; Cochin
China; Cambodia;
Siam; Annam; Ton-
kin; China (Macao);
Tai-wan [= For-
mosa]; Andamans;
Philippines; Ma-
lacca; Java; Bor-
neo; Sumatra; Ba-
labac; Banguey;
Celebes; Buru; Ter-
nate.Cape Colony; Trans-
vaal; Bechuana-
land; Zanzibar;
Ashanti; Fr. a. Bel-
gian Kongo; Ka-
merun; Guinea;
Senegal.

Réunion; Mauritius.

Papua; Meisol.

¹) This probably refers to *nigriventris*.

34 **truncaticeps**

Brachyplatys truncaticeps Montandon 1894 op. cit. XXXVIII. 248.

Belgian Kongo.

35 **unicolor**

Brachyplatys unicolor Signoret 1861 A. S. E. France (3) VIII. 920; Stål 1865 Hem. Afr. I. 9.

Madagascar.

36 **vahlili**

Cimex vahlili Fabricius 1787 Mant. Ins. II. 283; Coquebert 1801 Ill. Ent. II. 79, Pl. 18. f. 14.

Thyreocoris do. Germar 1839 op. cit. 33; H-S. 1839 Wanz. V. 33.

Plataspis do. Amyot et Serville 1843 Hém. 64.

Brachyplatys continua Walker 1867 Cat. Het. I. 104.

B. frontalis Walker 1867 op. cit. 106.

B. vahlili Stål 1876 Svensk. Vet. Ak. Handl. 14. no. 4. p. 7; Distant 1902 Faun. Ind. Rh. I. 10.

B. vahlili Montandon 1893 Ann. Mus. Genova (2) XIII. 296 (laps. cal.).

B. wahlili Montandon 1895 Ann. Mus. Genova (2) XV. 112.

var. (b) **radians**

Brachyplatys radians Vollenhoven 1863 op. cit. 53, Pl. 4. f. 7; Stål 1876 op. cit. p. 8; Distant 1902 l. c.

India (throughout)
Assam; Burma;
Siam; Cochin Chi-
na; Andamans;
Philippines; Malay
Peninsula; Engano
Is.; Sumatra; Java;
Celebes; Ceram;
Banda; Amboina;
Ternate. [Cape Co-
lony in error].

37 **vanikorensis**

Brachyplatys vanikorensis Boisduval 1835 Voy. Astrolabe, Ent. II. 627, Pl. 11. f. 6.

New Caledonia; Art;
Vanikoro.

38 **variegatus**

Brachyplatys variegata Dallas 1851 List 69.

Sierra Leone.

39 **sp.?**

Brachyplatys sp.? Sharp 1890 T. E. S. London 414, Pl. 14. f. 27.

Madagascar.

Schizometopus.

Montandon 1894 A. S. E. Belg. XXXVIII. 245 (type *obscurus*).

1 **obscurus**

Schizometopus obscurus Montandon 1894 op. cit. 246.

Papua.

Scleropelta.

Stål 1876 Svensk. Vet. Ak. Handl. 14. no. 4. p. 4 (type *lateralis*).

1 **lateralis**

Scleropelta lateralis Stål op. cit. p. 9.

Borneo; Cambodia.

Oscula.

|| *Oscula* Stål 1870 O. V. A. F. XXVII. 614 (type *flavescens*).

Oscula Bergroth 1891 Rev. Ent. X. 214 (new name).

1 **flavescens**

Oscula flavescens Stål 1870 loc. cit.

Philippine Is.

Pelioderma.

Bergroth 1892 B. S. E. France^p CCLV (type *aethiops*).

1 **aethiops**

Pelioderma aethiops Bergroth loc. cit.

Assinie.

Tiarocoris.

Vollenhoven 1863 Faun. indo-néerl. I. 51 (type *sumatranus*).

1 **basistigmus**

Coptosoma basistigma Walker 1867 Cat. Hem. I. 98.

— ?

2 **consertus**

Tiarocoris consortus Distant 1901 A. M. N. H. (7) VIII. 235; and Faun. Ind. Rh. I. 15.

Burma.

- 3 **contestatus**
Tiarocoris contestatus Montandon 1893 A. S. E. Belg. XXXVII. 561; Distant 1902 op. cit. 14, f. 8. Burma.
- 4 **luminatus**
Tiarocoris luminatus Montandon 1893 Rev. Ent. XI. 307; and 1893 A. S. E. Belg. XXXVII. 560; Distant 1902 op. cit. 15. Burma; Malacca.
- 5 **signatus**
Tiarocoris signatus Distant 1901 A. M. N. H. (7) VIII. 236; and 1902 Faun. Ind. Rh. 15. Ceylon.
- 6 **sumatranus**
Tiarocoris sumatranus Vollenhoven 1863 l. c., Pl. 4. f. 6. Sumatra.

Fieberisca.

Montandon 1896 A. S. E. Belg. XL. 98 (type *ornata*).

- 1 **ornata**
Fieberisca ornata Montandon 1896 op. cit. 99; Distant 1902 op. cit. 16, f. 9. India.

Coptosoma.

Coptosoma Laporte 1832 Essai Hém. 67 a. 73; Stål 1876 Svensk. Vet. Ak. Handl. 14. no. 4. p. 10; Kuhlitz 1901 Arch. Naturg. (Beih.) 205 (type *globus* = *scutellata*).

Globocoris Hahn [1826 not descr.] 1834 Wanz. II. 40, Pl. 44. figs. E—G (same type). *Thyreocoris* subg. *Coptosoma* Germar 1839 Zeitschr. Ent. I. 25.

§ Green 1900 Ent. Mo. Mag. (2) XI. 185 (a colony of *Coptosoma* tended by *Cremastogaster* sp. [Hymen.]).

- 1 **abbreviata**
Coptosoma abbreviatum Montandon 1894 A. S. E. Belg. XXXVIII. 265; Distant 1902 Faun. Ind. Rh. I. 25. India, (Barwai).
- 2 **abesa**
Coptosoma abesum Montandon 1894 A. S. E. Belg. XXXVIII. 256. India (Barwai).
- 3 **aciculata**
Coptosoma aciculatum Montandon 1896 op. cit. XL. 122; Kuhlitz 1901 op. cit. 220. Upper Tonking; Sumatra; Birara; N. Australia; Papua.
- Foodplant: *Desmodium latifolium*.
- 4 **acuticeps**
Coptosoma acuticeps Montandon 1894 op. cit. XXXVIII. 263. Philippines.
- 5 **adjuncta**
Coptosoma adjunctum Montandon 1896 op. cit. XL. 129. Madagascar; Cape Colony.
- 6 **affinis**
Coptosoma affine Dallas 1851 List 63; Stål 1865 Hem. Afr. I. 14. *C. sexnotatum* Stål 1853 O. V. A. F. X. 212. Cape Colony; Natal; Bechuanaland.
- 7 **afzelii**
Coptosoma afzelii Stål 1865 Hem. Afr. I. 13; and 1876 Svensk. op. cit. p. 11. Sierra Leone.
- 8 **alata**
Ceratocoris alatus Signoret 1858 Thoms. Arch. Ent. II. 274, Pl. 11. f. 3. Guinea.
- Coptosoma alatum* Stål 1865 Hem. Afr. I. 10.
C. alata Stål 1876 Svensk. op. cit. 10.
- 9 **aliena**
Coptosoma alienum Montandon 1899 Ann. Mus. Genova (2) XIX. 552. E. Africa ("Badditu a Dimè").

- 10 **amoena** Papua.
Coptosoma amoena Walker 1867 Cat. Het. I. 93.
- 11 **amplexa** Upper Ton-king.
Coptosoma amplexum Montandon 1896 A. S. E. Belg. XL. 432.
- 12 **amyoti** S. India.
Coptosoma amyoti Montandon 1897 A. S. E. France LXV. 448; Distant 1902 Faun. Ind. Rh. I. 25.
- 13 **angularis** Philippines.
Coptosoma angularare Stål 1870 O. V. A. F. XXVII. 611.
- 14 **annulipes** Madagascar.
Coptosoma annulipes Montandon 1900 Termész. füzet. XXIII. 417.
var. (b) **dissuta**
C. annulipes var. *dissutum* Montandon 1900 op. cit. 418.
- 15 **antica** "E. Indies."
Coptosoma anticum Montandon 1894 A. S. E. Belg. XXXVIII. 280.
- 16 **apiata** Kongo.
Coptosoma apiatum Montandon 1894 op. cit. 268.
- 17 **apicifera** Batchian.
Coptosoma apicifera Walker 1863 Cat. Hem. III. 526.
C. erythrospila Walker 1868 l. c.
- 18 **arenaria** Lombok; Flores.
Coptosoma arenaria Walker 1867 op. cit. I. 95.
C. arenarium Breddin 1899 Beih. Jb. Hamb. Wiss. Anst. XVI. 158.
- 19 **aruica** Aru.
Coptosoma aruica Walker 1867 op. cit. 97.
- 20 **aspersa** Java; Celebes.
Coptosoma aspersa Walker 1867 l. c.
C. respersum Bergroth 1892 Wien. E. Z. XI. 171; Montandon 1900 Termész. füzet. XXIII. 418.
- 21 **assamensis** Assam.
† *Coptosoma assamensis* Atkinson 1886 P. Asiat. S. Bengal 174.
C. assamense Kuhlitz 1901 op. cit. 235; Distant 1902 Faun. Ind. Rh. I. 27.
- 22 **atenes** Kamerun.
Coptosoma atenes Karsch 1892 Ent. Nachr. XVIII. 129; and 1894 Stett. E. Z. LV. 99, Pl. 1. f. 10.
C. alenes Leth. et Sev. 1893 Cat. Hém. I. 262 (laps. cal.).
- 23 **atomaria** Sumatra; Java.
Thyreocoris atomarius Germar 1839 Zeitschr. Ent. I. 27; H-S. 1839 Wanz. V. 30—31, f. 481.
Coptosoma atomaria Stål 1876 Svensk. Vet. Ak. Handl. 14. no. 4. p. 15; Koningsberger 1903 Med. 's lands plant. LXIV. 90, Pl. III. f. 12.
‡ Koningsberger Teysmannia VIII. 307.
Foodplant: *Solanum melongena*.
- 24 **atrátula** N. Queensland.
Coptosoma atrátulum Montandon 1894 Ann. Mus. Genova (2) XIV. 425.
- 25 **atriceps** Zanzibar.
Coptosoma atriceps Montandon 1896 A. S. E. Belg. XL. 128.
- 26 **aurivilliana** Damaraland.
Coptosoma aurivillianum Montandon 1894 op. cit. XXXVIII. 275.

- 27 **australica** "N. Australia."
Coptosoma australica Stål 1876 op. cit. 12.
- 28 **bellatula** Perak; Pulo Laut.
Coptosoma bellatulum Montandon 1896 op. cit. XL. 113.
- 29 **bifaria** Or. China (Ngan-Hoei); Tibet (Mou-pin).
Coptosoma bifarium Montandon 1897 A. S. E. France LXV. 450 ["054" in error].
- 30 **biguttula** E. Siberia; Japan; China (Pekin; Kiang-Si); Tibet (Mou-pin).
Coptosoma biguttula Motshoulsky 1859 Bull. S. N. Moscou XXXII. 501; Stål 1876 op. cit. 14.
C. chinense Signoret 1881 B. S. E. France (6) I. p. XLI.
C. biguttulum Montandon 1896 A. S. E. Belg. XL. 130.
- 31 **bilineata** "China."
Coptosoma bilineatum Montandon 1894 A. S. E. Belg. XXXVIII. 274.
- 32 **biplagiata** Borneo.
Coptosoma biplagiata Walker 1867 Cat. Het. I. 90.
- 33 **bipustulata** Nigeria; Sierra Leone; Cape Colony.
Thyreocoris bipustulatus Germar 1839 Zeitschr. Ent. I. 30.
Coptosoma scitula Walker 1867 op. cit. 86.
- 34 **bisignata** Cape Colony.
Coptosoma bisignatum Stål 1853 O. V. A. F. X. and 1865 Hem. Afr. I. 16.
- 35 **bisoculata** India; Burma; Ton-king.
Coptosoma bisoculatum Montandon 1894 op. cit. 271; and 1896 op. cit. XL. 119; Kuhlitz 1901 op. cit. 237; Distant 1902 Faun. Ind. Rh. I. 27.
- 36 **bituminata** Central China (Kiang-Si).
Coptosoma bituminatum Montandon 1897 A. S. E. France LXV. 452.
- 37 **bottegoi** E. Africa ("Mat-Agoia Lugh").
Coptosoma bottegoi Montandon 1899 Ann. Mus. Genova (2) XIX. 551.
- 38 **breviceps** Japan; China (Ning-po).
Coptosoma breviceps Horváth 1879 Termész. füzet. III. 142.
- 39 **brevicula** China (Sz'tchuen).
Coptosoma breviculum Montandon 1897 A. S. E. France LXV. 461.
- 40 **brevis** Burma.
Coptosoma brevis Walker 1867 op. cit. 89.
C. breve Distant 1902 op. cit. 32.
- 41 **brunnea** Ceylon.
Coptosoma brunnea Atkinson 1889 J. A. S. Bengal LVII. (2). 342.
C. brunneum Distant 1902 op. cit. 31.
- 42 **bufo** Philippines (Luzon).
Scutellera bufo Eschscholz 1822 Dorpat. Nat. Abh. I. 160.
Thyreocoris adpersa Burmeister 1834 Act. Ac. Leop. Nat. XVI. Suppl. 289.
T. bufo Germar 1839 Zeitschr. Ent. I. 28; H-S. 1839 Wanz. V. 31—32, f. 482.
Coptosoma do. Stål 1870 O. V. A. F. XXVII. 613; and 1876 Svensk. Vet. Ak. Handl. 14. no. 4. p. 12.
- 43 **bullata** Madagascar.
Coptosoma bullatum Montandon 1900 Termész. füzet. XXIII. 416.

- 44 **caliginosa** Celebes.
Coptosoma caliginosum Montandon 1893 A. S. E. Belg. XXXVII. 562.
- 45 **canavaliae** Birara. = *Neoburina* (B.)
Coptosoma canavaliae Kuhlitz 1901 op. cit. 226 a. 247.
 Foodplant: *Canavalia obtusifolia*.
- 46 **capitata** E. Siberia (Amuria).
 † *Coptosoma capitatum* Jakovlev 1880 Тр. Русск. Эн. Обозр. XI. 200 a. 202.
- 47 **capitulata** Java.
Coptosoma capitulum Montandon 1894 op. cit. XXXVIII. 260.
- 48 **cardoni** C. India (Barwai).
Coptosoma cardoni Montandon 1896 op. cit. XL. 448; Kuhlitz 1901 op. cit. 216; Distant 1902 Faun. Ind. Rh. I. 29.
- 49 **carinata** India.
Coptosoma carinatum Kuhlitz 1901 op. cit. 225 a. 245.
- 50 **catagrapha** Zanzibar.
Coptosoma catagraphum Montandon 1893 Rev. Ent. XI. 311.
- 51 **caudata** Burma.
Coptosoma caudatum Montandon 1894 Ann. Mus. Genova (2) XIV. 129; Distant 1902 Faun. Ind. Rh. I. 27.
- 52 **centralis** Sarawak.
Coptosoma centralis Walker 1867 Cat. Het. I. 90.
- 53 **centronotata** Sumatra.
Coptosoma centronotatum Montandon 1900 Ann. Mus. Genova (2) XX. 531.
- 54 **ceylonica** Ceylon.
 † *Coptosoma ceylonicum* A. Dohrn 1860 Stett. E. Z. XXI. 399; Kuhlitz 1901 op. cit. 228; Distant 1902 Faun. Ind. Rh. I. 17, f. 10.
- 55 **cicatricosa** N. India.
Coptosoma cicatricosum Dallas 1851 List 66; Distant 1902 op. cit. 18.
- 56 **cincta** Philippines (Luzon, Mindanao).
Scutellera cincta Eschscholz 1822 op. cit. 161.
Thyreocoris seminulum Burmeister 1834 Nov. Act. Ac. Leop. XVI. Suppl. 290.
T. cinctus Germar 1839 Zeitschr. Ent. I. 27.
Coptosoma cinctum Stål 1870 O. V. A. F. XXVII. 613; Kuhlitz 1901 op. cit. 238, Pl. IX. f. 15—18.
- 57 **circumscripta** "India."
Thyreocoris circumscriptus Germar 1839 op. cit. 29.
Coptosoma circumscriptum Kuhlitz 1901 Arch. Naturg. (Beih.) 214 a. 240, Pl. 8. f. 1—4.
- 58 **colmeiroi** Somaliland; Zanzibar.
Coptosoma colmeiroi Bolívar 1879 An. S. Españ. H. N. VIII. 133; Montandon 1896 A. S. E. Belg. XL. 102.
C. colmeroi Leth. et Sev. 1893 Cat. I. 7 (laps. cal.).
- 59 **confusa** Mozambique.
Coptosoma confusum Montandon 1892 Rev. Ent. XI. 280.
- 60 **consobrina** Lombok.
Coptosoma consobrina Walker 1867 Cat. Het. I. 96.
- 61 **conspersa** Guinea.
Coptosoma conspersum Stål 1865 Hem. Afr. I. 12.

- 62 **contecta**
Coptosoma connectum Montandon 1893 A. S. E. Belg. XXXVII. 567; Distant 1902 Faun. Ind. Rh. I. 21. India throughout.
- 63 **conviva**
 || *Coptosoma conspersum* Stål 1870 O. V. A. F. XXVII. 612.
C. conviva Stål 1876 Svensk. Vet. Ak. Handl. 14. no. 4. p. 10 (new name). Philippines.
- 64 **costalis**
Coptosoma costale Stål 1853 O. V. A. F. X. 212; and 1865 Hem. Afr. I. 17.
C. costalis Stål 1876 Svensk. Vet. Ak. Handl. 14. no. 4. p. 15. Cape Colony; Cyprus; Syria.
- 65 **cribraria**
Cimex cribrarius Fabricius 1798 Ent. Syst. Suppl. 531.
Tetyra cribraria Schiedte 1842 Nat. Tidskr. IV. 305.
Thyreocoris cribrarius Burmeister 1835 Handb. Ent. II. 384 (laps. cal.).
T. cribrarius H-S. 1838 Wanz. IV. 84, f. 416.
Coptosoma cribrarium Amyot et Serville 1843 Hém. 66, Pl. 2. f. 4; Distant 1902 Faun. Ind. Rh. I. 22, f. 11.
C. cribraria Stål 1876 Svensk. Vet. Ak. Handl. 14. no. 4. p. 12.
C. xanthochlora Walker 1867 Cat. Het. I. 87. India; Assam; Ceylon; Tenasserim; Burma; China; Cochin China; Siam; Tonkin; Formosa; Japan; Sumatra; Java; Timor.
- 66 **cyanescens**
Coptosoma cyanescens Montandon 1894 A. S. E. Belg. XXXVIII. 270. Kongo.
- 67 **cyathigera**
Coptosoma cyathigera Walker 1868 Cat. Het. III. 524. Batchian.
- 68 **davidi**
Coptosoma davidi Montandon 1897 A. S. E. France LXV. 460. China (Sz' tchuen).
- 69 **denticeps**
Coptosoma denticeps Montandon 1893 Rev. Ent. XII. 228; Distant 1902 Faun. Ind. Rh. I. 19. India.
- 70 **depulsa**
Coptosoma depulsum Montandon 1896 A. S. E. Belg. XL. 103. Madagascar.
- 71 **diluta**
Coptosoma dilutum Montandon 1894 A. S. E. Belg. XXXVIII. 253. Queensland (C. York.).
- 72 **dissoluta**
Coptosoma dissolutum Montandon 1900 Ann. Mus. Genova (2) XX. 533. Sumatra.
- 73 **distanti**
Coptosoma distanti Montandon 1893 A. S. E. Belg. XXXVII. 564; and 1897 A. S. E. France LXV. 451; Distant 1902 Faun. Ind. Rh. I. 20. Assam; Tibet (Moupin); China (Pekin).
- 74 **distigma**
Coptosoma distigma Montandon 1896 A. S. E. Belg. XL. 441; Kuhlitz 1901 op. cit. 226.
C. distignum Distant 1902 op. cit. 32. "India."
- 75 **dubiosa**
Coptosoma dubiosum Montandon 1896 Ann. Mus. Genova (2) XVII. 117. Sumatra.
- 76 **duodecimpunctata**
Thyreocoris duodecimpunctatus Germar 1839 Zeitschr. Ent. I. 30. ~~see~~ p. 265
T. duodecimpunctatus (!) H-S. 1839 Wanz. V. 14, f. 474.
Coptosoma duodecimpunctata Stål 1876 Svensk. Vet. Ak. Handl. 14. no. 4. p. 10.
C. duodecimpunctatum Distant 1902 Faun. Ind. Rh. I. 19. N. India; Assam; Burma; Malay Pen.; Penang I.

77 ? *elegans*

Coptosoma elegans Stål 1876 Svensk. Vet. Ak. Handl. 14.
no. 4. p. 11; Montandon 1893 A. S. E. Belg. XXXVII. 569.

Borneo.

78 *erosa*

Coptosoma erosum Montandon 1894 Ann. Mus. Genova (2)
XIV. 131; Kuhl-gatz 1901 op. cit. 235; Distant 1902
op. cit. 30.

Burma.

79 *erugata*

Coptosoma erugatum Montandon 1895 op. cit. (2) XV. 100;
and 1896 A. S. E. Belg. XL. 123.

Somaliland; Galla-
land.80 *excoffieri*

Coptosoma excoffieri Montandon 1899 Bull. Mus. Paris
[no. 2. p.] 79.

China (Yunnan).

81 *falloui*

Coptosoma falloui Montandon 1893 Rev. Ent. XII. 231; and
1896 A. S. E. Belg. XL. 102.

French Kongo.

ep. 365

var. (b) *candidulum* Montandon 1896 loc. cit.

82 *feana*

Coptosoma feanum Montandon 1894 Ann. Mus. Genova (2)
XIV. 142; and 1896 A. S. E. Belg. XL. 123; Kuhl-
gatz 1901 op. cit. 216; Distant 1902 op. cit. 33.

North India; Assam;
Tenasserim; Bur-
ma; Malacca.83 *feberi*

Coptosoma feberi Montandon 1894 Ann. Mus. Genova (2)
XIV. 425.

Papua.

84 *fimbriata*

Coptosoma fimbriatum Distant 1887 T. E. S. London 342;
Montandon 1894 A. S. E. Belg. XL. 435; Distant
1902 Faun. Ind. Rh. I. 34.

India (Sikkim); China.

ep. 365

var. (b) *cingulatum* Montandon 1896 loc. cit.

85 *flavescens*

Coptosoma flavescens Montandon 1894 A. S. E. Belg. XXXVIII.
251; and 1896 op. cit. XL. 101.

"E. Indies."

86 *forsteni*

Coptosoma forsteni Vollenhoven 1863 Faun. indo-néerl. I.
49, Pl. 4. f. 4.
C. forstenii Stål 1876 Svensk. Vet. Ak. Handl. 14. no. 4. p. 12.

Celebes; Flores.

87 *fractifascia*

Coptosoma fractifascia Walker 1867 Cat. Het. I. 93.

Papua.

88 *frontata*

Coptosoma frontatum Montandon 1894 Ann. Mus. Genova
(2) XIV. 421.

Papua.

89 *gravida*

Coptosoma gravidum Montandon 1893 Rev. Ent. XII. 227.

Java.

90 *gutticincta*

Coptosoma gutticincta Walker 1868 Cat. Het. III. 525.

Celebes.

91 *haemorrhoea*

Coptosoma haemorrhoea Walker 1867 op. cit. I. 96.

Flores.

92 *hemispherica*

Coptosoma hemisphaericum Dallas 1851 List 65.

"Australia."

93 *hirsuta*

Coptosoma hirsutum Montandon 1893 Rev. Ent. XII. 229.

French Kongo.

94 *howathi*

Coptosoma howathi Montandon 1894 A. S. E. Belg. XXXVIII.
260.

China (Kiang-Si and
Sz' tchuen).

C. horvathi Montandon 1896 op. cit. XL. 134 ("emend.").

- 95 **humeralis**
Coptosoma humeralis Walker 1867 op. cit. 90. Saráwak.
- 96 **humilis**
Coptosoma humile Montandon 1893 Rev. Ent. XII. 234. Loango.
- 97 **icterica**
Coptosoma ictericum Dallas 1851 List 67. Philippine Is.
- 98 **impicticollis**
Coptosoma impicticolle Montandon 1900 Ann. Mus. Genova (2) XX. 537. Sumatra.
- 99 **indica**
Coptosoma indicum Montandon 1897 A. S. E. France LXV. 458; Distant 1902 Faun. Ind. Rh. I. 33. Siam; Ceylon; S. India.
- 100 **inclusa**
Coptosoma inclusum Stål 1865 Hem. Afr. I. 17. Cape Colony.
C. inclusa Stål 1876 Svensk. Vet. Ak. Handl. 14. no. 4. p. 14.
- 101 **insignita**
Coptosoma insignitum Montandon 1894 A. S. E. Belg. XXXVIII. 262. Philippine Is.
- 102 **insulana**
Coptosoma insulanum Bergroth 1891 Rev. Ent. X. 201. Nossi-Bé (near Madagascar).
var. (b) **detecta**
C. insulanum var. *detectum* Montandon 1900 Termész. füzet. XXIII. 419. *Fig. 305*
- 103 **integra**
Coptosoma integra Walker 1867 Cat. Het. I. 88. India.
C. integrum Distant 1902 Faun. Ind. Rh. I. 33.
- 104 **intricata**
Coptosoma intricatum Montandon 1894 A. S. E. Belg. XXXVIII. 255. Philippine Is.
- 105 **josuae**
Coptosoma josuae Horváth 1903 Ann. Mus. Hung. I. 400. Syria.
- 106 **junodi**
Coptosoma junodi Montandon A. S. E. Belg. XXXVIII. 276. Mozambique.
- 107 **laeviuscula**
Coptosoma laeviusculum Montandon 1893 Rev. Ent. XII. 235. Madagascar; Zanzibar.
- 108 **laseiva**
Coptosoma laseivum Bergroth 1892 Wien. E. Z. XI. 173; Montandon 1893 Ann. Mus. Genova (2) XIII. 298; and 1897 A. S. E. France LXV. 458; Kuhlitz 1901 op. cit. 236. China (Hyen-hang-li, Song-chai Mts.); Engano; Burma.
- 109 **laticeps**
Coptosoma laticeps Dallas 1851 List 68; Distant 1902 Faun. Ind. Rh. I. 32. Ceylon.
- 110 **laticincta**
Coptosoma laticinctum Montandon 1894 Ann. Mus. Genova (2) XIV. 135. Philippine Is.
- 111 **lethierryi**
Coptosoma lethierryi Montandon 1892 Rev. Ent. XI. 284; and 1894 Ann. Mus. Genova (2) XIV. 125; Distant 1902 op. cit. 20. India (Sikkim); Burma.
- 112 **libidinosa**
Coptosoma libidinosum Montandon 1894 A. S. E. Belg. XXXVIII. 277; Distant 1902 op. cit. 26. C. India (Barwai).
- 113 **limbata**
Coptosoma limbatum Montandon 1896 op. cit. XL. 115; Distant 1902 op. cit. 24. Tenasserim.

- 114 **limbatella** Cape Colony.
Coptosoma limbatellum Stål 1853 O. V. A. F. X. 212; Montandon 1896 A. S. E. Belg. XL. 127.
- 115 **limitata** — ?
Coptosoma limitatum Montandon 1896 A. S. E. Belg. XL. 444; Kuhlitz 1901 op. cit. 238.
- 116 **lobata** N. China; S. China (Hongkong).
Coptosoma lobata Walker 1867 Cat. Het. I. 88.
- 117 **lyncea** N. Queensland.
Coptosoma lyncea Stål 1876 Svensk. Vet. Ak. Handl. 14. no. 4. p. 12.
- 118 **maculata** Madagascar. [Brazil in error].
Coptosoma maculata [Westwood] 1837 Cat. Hope. I. 17; Stål 1876 Svensk. Vet. Ak. Handl. 14. no. 4. p. 11. *Thyreocoris maculatus* Germar 1839 Zeitschr. Ent. I. 26. *Coptosoma maculatum* Stål 1865 Hem. Afr. I. 11.
- 119 **margheritae** Assam.
Coptosoma W. Distant 1899 A. M. N. H. (7) IV. 216 (not Montandon).
C. margheritae Distant 1901 op. cit. VIII. 238; and Faun. Ind. Rh. I. 29.
- 120 **marginata** Papua.
Coptosoma marginata Walker 1867 Cat. Het. I. 92.
- 121 **marginella** Cape Colony; Guinea.
Coptosoma marginellum Dallas 1851 List 64; Montandon 1896 A. S. E. Belg. XL. 126.
var. (b) **circumducta**
Coptosoma circumductum Stål 1853 O. V. A. F. X. 212.
- 122 **marmorata** Celebes.
Coptosoma marmoratum Vollenhoven 1863 Faune indo-néerl. I. 48, Pl. 4. f. 3.
- 123 **medians** Gold Coast; Kongo.
Coptosoma medians Montandon 1897 A. S. E. France LXV. 454.
- 124 **mirabilis** Jilolo.
Coptosoma mirabilis Distant 1903 A. M. N. H. (7) XII. 248.
- 125 **miscella** Papua.
Coptosoma miscellum Montandon 1894 Ann. Mus. Genova (2) XIV. 417.
- 126 **modesta** Timor.
Coptosoma modestum Vollenhoven 1863 Faune ent. indo-néerl. I. 47, Pl. 4. f. 1.
- 127 **modiglianii** Burma; Engano I. (off Sumatra).
Coptosoma modiglianii Montandon 1893 Ann. Mus. Genova (2) XIII. 296.
C. modiglianii Distant 1902 Faun. Ind. Rh. I. 20 (laps. cal.).
- 128 **mülleri** Borneo.
Coptosoma mülleri Vollenhoven 1863 op. cit. 49, Pl. 4. f. 5.
- 129 **munda** China (Hyen-hang-li).
Coptosoma mundum Bergroth 1893 Wien. E. Z. XI. 172.
- 130 **murrayi** Ashanti; Nigeria.
Coptosoma murrayi Signoret 1858 Thomson's Arch. Ent. II. 271, Pl. 11. f. 2; Stål 1865 Hem. Afr. I. 9; and 1876 Svensk. Vet. Ak. Handl. 14. no. 4. p. 10.
C. hirtella Stål 1858 O. V. A. F. XV. 433.
- 131 **nasuta** Java; Sumatra.
Coptosoma nasutum Montandon 1896 A. S. E. Belg. XL. 109.

- 132 **nebulosa**
Coptosoma nebulosum Montandon 1892 Rev. Ent. XI. 279. Zanzibar.
- 133 **nazirae**
Coptosoma nazirae Atkinson 1889 J. Asiat. S. Bengal LVII. (2) p. 343; Distant 1902 Faun. Ind. Rh. I. 33. India; Sikkim; Assam.
C. nasirae Montandon 1896 A. S. E. Belg. XL. 124; Kuhl-gatz 1901 op. cit. 216.
- 134 **nepalensis**
Coptosoma nepalensis [Westwood] 1837 Cat. Hope I. 17. India (Sikkim); Bur-
Thyreocoris do. Germar 1839 Zeitschr. Ent. I. 28. ma; Java; Philip-
Coptosoma cinctum Vollenhoven 1863 op. cit. 46 (not Esch- pine ls.; N. Queens-
scholz). land.
C. nepulense Kuhl-gatz 1901 Arch. Naturg. (Beih.) 215; Distant 1902 Faun. Ind. Rh. I. 30.
C. obrosom Montandon 1894 Ann. Mus. Genova (2) XIV. 138; Kuhl-gatz 1901 op. cit. 218.
- 135 **nigriceps**
Coptosoma nigriceps Signoret 1858 op. cit. 272; Stål 1865 Hem. Afr. I. 15. Guinea. [China in error].
- 136 **nigricolor**
Coptosoma nigricolor Montandon 1896 A. S. E. Belg. XL. 437. Java.
- 137 **nigropunctata**
Coptosoma nigropunctatum Stål 1855 O. V. A. F. XII. 181; 1856 op. cit. XIII. 54; and 1865 Hem. Afr. I. 13. Sierra Leone.
- 138 **nilgirensis**
Coptosoma nilgirensis Distant 1901 A. M. N. H. (7) VIII. 238. S. India.
C. nilgirensis Distant 1902 Faun. Ind. Rh. I. 23.
- 139 **nobilis**
Coptosoma nobile A. Dohrn 1860 Stett. E. Z. XXI. 400; Kuhl-gatz 1901 op. cit. 229; Distant 1902 Faun. Ind. Rh. I. 35. S. India; Ceylon.
- 140 **notabilis**
Coptosoma notabile Montandon 1894 A. S. E. Belg. XXXVIII. 278. "China".
- 141 **notaticeps**
Coptosoma accensitum var. *notaticeps* Montandon 1900 Ann. Mus. Genova (2) XX. 536. Sumatra.
- 142 **notha**
Coptosoma nothum Montandon 1893 Rev. Ent. XI. 310. Senegal.
- 143 **noualhieri**
Coptosoma noualhieri Montandon 1896 A. S. E. Belg. XL. 439; Distant 1902 op. cit. 31. C. a. S. India.
var. (b) *obscuratum* Montandon 1896 op. cit. 441.
- 144 **nubila**
Thyreocoris nubilus Germar 1839 Zeitschr. Ent. I. 26. Cape Colony; Gui-
Coptosoma nubilum Stål 1865 Hem. Afr. I. 11. nea; Gambia;
C. repleta Walker 1867 Cat. Het. I. 85. Senegal.
- 145 **merguiensis**
Coptosoma merguiensis Distant 1908 Ind. Rh. IV. 421. Tenasserim.
- 146 **obtusiceps**
Coptosoma obtusiceps Stål 1870 O. V. A. F. XXVII. 612. Philippine Is.
- 147 **oculator**
Coptosoma oculator Reiche et Fairmaire 1849 Voy. Abyss. Ent. 437; Stål 1865 Hem. Afr. I. 16; and 1876 Svensk. Vet. Ak. Handl. 14. no. 4. p. 14; Montandon 1896 A. S. E. Belg. XL. 130. Abyssinia. [Egypt in error].

- 148 **ophthalmica** *Coptosoma ophthalmicum* Montandon 1894 Ann. Mus. Genova (2) XIV. 140; Kuhlitz 1901 op. cit. 215; Distant 1902 Faun. Ind. Rh. I. 36. Burma.
- 149 **opima** *Coptosoma opimum* Montandon 1896 op. cit. (2) XVII. 123. Sumatra.
- 150 **ordinata** *Coptosoma ordinatum* Montandon 1897 A. S. E. France LXV. 462. Madagascar.
- var. (b) **funnebris**
C. ordinatum var. *funnebris* Montandon 1896 op. cit. 463.
- 151 **pallida** *Coptosoma pallidum* Stål 1870 O. V. A. F. XXVII. 613. Philippines.
- 152 **paradoxa** *Coptosoma pygmaeum* var. *paradoxum* Montandon 1896 A. S. E. Belg. XL. 448; Kuhlitz 1901 op. cit. 224. Papua.
- 153 **pardalina** *Coptosoma pardalina* Stål 1876 Svensk. Vet. Ak. Handl. 14. no. 4. p. 13. India; Tenasserim.
C. pardalinum Distant 1902 op. cit. 24.
- 154 **parviceps** *Coptosoma parviceps* Montandon 1894 A. S. E. Belg. XXXVIII. 258. "China."
- 155 **parvipicta** *Coptosoma parvipictum* Montandon 1893 Rev. Ent. XI. 281. China (Ngan-Hoei).
- 156 **parvula** *Coptosoma parvulum* Dallas 1851 List 65; Distant 1902 op. cit. 26. India.
- 157 **pernobilis** *Coptosoma pernobilis* Distant 1901 A. M. N. H. (7) VIII. 237. Assam.
C. pernobile Distant 1902 Faun. Ind. Rh. I. 34.
- 158 **perplexa** *Coptosoma perplexum* Montandon 1896 A. S. E. Belg. XL. 123; Kuhlitz 1901 op. cit. 233. Sumatra; Java; Tonking.
var. (b) **suspiciosa**
Coptosoma perplexum var. *suspiciosum* Montandon 1896 op. cit. 446. *Java*
- 159 **perpuncta** *Coptosoma perpunctum* Montandon 1896 op. cit. 434. — ?
- 160 **pictula** *Coptosoma pictulum* Stål 1865 Hem. Afr. I. 14. Natal.
- 161 **pilosula** *Coptosoma pilosulum* Montandon 1893 Rev. Ent. XI. 309. French Kongo.
- 162 **plagiata** *Coptosoma plagiata* Walker 1867 Cat. Het. I. 92. Papua.
- 163 **podagrica** *Coptosoma podagrica* Stål 1876 Svensk. Vet. Ak. Handl. 14. no. 4. p. 13. "N. Australia."
- 164 **pocilla** *Coptosoma pocillum* Dallas 1851 List 63. N. W. Australia.
- 165 **polita** *Coptosoma politum* Montandon 1896 A. S. E. Belg. XL. 111. Philippine Is.
- 166 **prava** *Coptosoma pravum* Montandon 1896 A. S. E. Belg. XL. 106; Distant 1902 Faun. Ind. Rh. I. 24. Tenasserim.

- 167 **prisca**
Coptosoma prisca Distant 1901 A. M. N. H. (7) VIII. 236.
C. priscum Distant 1902 Faun. Ind. Rh. I. 19. Assam.
- 168 **prolaticeps**
Coptosoma prolaticeps Montandon 1896 op. cit. 435. China (Ho-chan, Ngan-Hoei).
- 169 **proxima**
Coptosoma proxima Walker 1867 Cat. Het. I. 94.
C. polyspila Walker 1868 op. cit. III. 524. Celebes.
- 170 **pulchella**
Coptosoma pulchellum Montandon 1894 Ann. Mus. Genova (2) XIV. 136; and 1896 A. S. E. Belg. XL. 117;
Kuhlgatz 1901 op. cit. 232; Distant 1902 op. cit. 28. S. India; Tenasserim; Burma; China; Java.
- var. (b) **discincta**
Coptosoma pulchellum var. *discinctum* Montandon 1896 op. cit. 118.
- var. (c) **omnimoda**
Coptosoma pulchellum var. *omnimodum* Montandon l. c.
- var. (d) **impedita**
Coptosoma pulchellum var. *impeditum* Montandon 1896 op. cit. 119.
- 171 **punctatissima**
Coptosoma punctatissimum Montandon 1896 A. S. E. Belg. XL. 105. Japan; China (Shanghai); Java; New Caledonia.
- 172 **puncticeps**
Coptosoma puncticeps Montandon 1896 op. cit. 129. Mozambique; Belgian Congo; Sierra Leone.
- var. (b) **compuncta**
Coptosoma puncticeps var. *compunctum* Montandon l. c.
- 173 **punctiventris**
Coptosoma transversa Walker 1867 Cat. Het. I. 88.
C. punctiventris Stål 1876 Svensk. Vet. Ak. Handl. 14. no. 4. p. 13. Malacca; Siam.
C. walkeri Lethierry et Severin 1893 Cat. Het. I. 9. Syria.
- 174 **putoni**
Coptosoma putoni Montandon 1898 Bull. Soc. Sci. Buca-rest VII. 206. Celebes.
- 175 **quadriplagiata**
Coptosoma quadriplagiata Walker 1868 Cat. Het. III. 524. China (Song Chai Mts.); [? Sumatra]. Abyssinia.
- 176 **rabieri**
Coptosoma rabieri Montandon 1897 A. S. E. France LXV. 458.
- 177 **raffrayii**
Coptosoma raffrayii Bolívar 1879 An. S. Españ. N. H. VIII. 134. Andamans; Papua; Waigiu; Birara.
- 178 **ramosa**
Coptosoma ramosa Walker 1867 op. cit. I. 93.
C. loriae Montandon 1895 Ann. Mus. Genova (2) XIV. 415.
C. ramosum Distant 1902 Faun. Ind. Rh. I. 21. Borneo.
- 179 **regnum**
Coptosoma regnum Distant 1901 T. E. S. London 581, Pl. XVI. f. 4. Papua.
- 181 **rubromaculata**
Coptosoma rubromaculatum Montandon 1894 Ann. Mus. Genova (2) XIV. 420. Ceylon.
- 182 **rugulosa**
Coptosoma rugulosum Distant 1899 A. M. N. H. (7) IV. 216;
and 1902 Faun. Ind. Rh. I. 18.

- 183 **sandahli**
Coptosoma sandahli Reuter 1881 Berlin. E. Z. XXV. 155;
 Montandon 1896 A. S. E. Belg. XL. 128. S. Egypt.
- 184 **saniosa**
Coptosoma saniosa Distant 1901 A. M. N. (7) VIII. 237.
C. saniosum Distant 1902 Faun. Ind. Rh. I. 22. Tenasserim.
- 185 **schaefferi**
Coptosoma schaefferi Montandon 1896 op. cit. 445. Borneo.
- 186 **sculpturata**
Coptosoma sculpturatum Montandon 1892 Rev. Ent. XI. 278. Madagascar.
- 187 **scutellata**
 — — Geoffroy 1762 Hist. Ins. Paris. I. 435. no. 2.
Cimex scarabaeoides Sulzer 1761 Kennz. Ins. 26, Pl. XI. f. 70c;
 Panzer 1796 Faun. Germ. 36, f. 23; Schellenberg
 1800 Land- und Wasserw. 11, Pl. 11. f. 6 (not Linneus).
C. scutellatus Geoffroy 1785 Fourcroy's Ent. Par. 195.
C. globus Fabricius 1794 Ent. Syst. IV. 88; Coquebert 1799
 III. Ent. I. 39, Pl. 10. f. 6; Wolff 1800 Ic. Cim. 3,
 Pl. 1. f. 3.
Globocoris do. Hahn [1826 not descr.] 1834 Wanz. II. 41, f. 137.
Platycephala do. Brullé 1835 Hist. Ins. IX. 404, Pl. 33. f. 2.
Thyreocoris do. Germar 1839 Zeitschr. Ent. I. 25.
Coptosoma do. Westwood 1838 Mag. N. H. (2) II. 29, f. 2;
 and (1839?) Intr. Class. Ins. II. 487, f. 122 nos. 13—
 15; Amyot et Serville 1843 Hém. 65; Flor 1860 Arch.
 Nat. Livlands (2) III. 76; Fieber 1861 Eur. Hem. 330;
 Puton 1881 Syn. Hém. France II. 3; Stål 1876 Svensk.
 Vet. Ak. Handl. 14. no. 4. p. 14; Jakovlev 1884 Hor.
 S. E. Ross. XVIII. 157.
C. anaticum Horváth 1883 Termész. füzet. VII. 21.
C. scutellatum Montandon 1896 A. S. E. Belg. XL. 130.
 var. (b) **dilatata**
Coptosoma dilatatum Motshoulsky 1859 Bull. S. N. Moscou
 XXXII. 501.
C. globus var. *dilatatum* Jakovlev 1880 Тр. Русск. Энт.
 Общ. XI. 202.
 Foodplants: *Coronilla varia*; *Vicia multiflora*; "Oleraceae."
- 188 **semiflava**
Coptosoma semiflavum Jakovlev 1890 Hor. S. E. Ross. XXIV.
 541. China (Sz' tchuen).
- 189 **siamica**¹⁾
Coptosoma siamica Walker 1867 Cat. Het. I. 89.
C. concinnula Walker 1867 op. cit. 94.
C. bellula Walker 1867 l. c.
 || *C. inclusa* Walker 1867 op. cit. 95.
C. minima Atkinson 1889 J. Asiat. S. Bengal LVII. (2) 342;
 Kuhlitz 1901 op. cit. 224.
C. saundersi Lethierry et Severin 1893 Cat. Hém. I. 9.
C. pygmaeum Montandon 1896 A. S. E. Belg. XL. 120;
 Kuhlitz 1901 op. cit. 221, Pl. 9. fgs. 10—14.
C. siamicum Distant 1902 Faun. Ind. Rh. I. 30.
 Foodplant: *Desmodium latifolium* [Kuhlitz].
- 190 **signata**
Coptosoma signatum Montandon 1894 op. cit. XXXVIII. 252. Philippines.

¹⁾ The synonymy of this and allied species is doubtful. It will be necessary for Walker's species to be reviewed again.

- 191 **signaticollis**
Coptosoma signaticolle Montandon 1896 op. cit. XL. 112;
Distant 1902 Faun. Ind. Rh. I. 25. S. India.
- 192 **simplex**
Coptosoma simplex Walker 1867 op. cit. 98. Queensland.
- 193 **sinuata**
Coptosoma sinuatum Bergroth 1891 Rev. Ent. X. 200. Madagascar.
- 194 **solitaria**
Coptosoma solitarium Montandon 1894 Ann. Mus. Genova (2)
XIV. 126; Distant 1902 op. cit. 35. Burma.
- 195 **sordidula**
Coptosoma sordidulum Montandon 1892 Rev. Ent. XI. 233. China (Ngan-Hoei).
- 196 **sparsa**
Coptosoma sparsum Montandon 1894 A. S. E. Belg. XXXVIII.
257; Distant 1902 op. cit. 23. C. India (Barwai).
- 197 **sphaerula**
Thyreocoris sphaerula Germar 1839 Zeitschr. Ent. I. 25;
H-S. 1839 Wanz. V. 15, f. 476.
? *C. ceylonica* Motschulsky 1863 Bull. Soc. Nat. Moscou
XXXVI. 74 (not Dohrn).
C. ellia Walker 1867 Cat. Het. I. 87 (new name).
C. sphaerulum Montandon 1896 op. cit. XL. 449.
C. sphaerula Distant 1902 op. cit. 26.
var. (b) **illuminata**
Coptosoma sphaerulum var. *illuminatum* Montandon 1896
op. cit. 450. Java; „Central India;
“Australia”.
- 198 **spuria**
Coptosoma spurium Montandon 1896 Ann. Mus. Genova (2)
XVII. 112. Sumatra.
- 199 **stabilita**
Coptosoma stabilitum Montandon 1900 Termész. füzet. XXIII.
419; Kuhlitz 1901 op. cit. 234 a. 256. Papua.
- 200 **stâli**
Coptosoma stâli Montandon 1896 A. S. E. Belg. XL. 127.
C. marginellum var. *c.* Stâl 1865 Hem. Afr. I. 16. French Kongo.
- 201 **stigmatica**
Thyreocoris stigmaticus Germar 1839 Zeitschr. Ent. I. 30. Prince's Isl. (off Gui-
nea).
- 202 **strenua**
Coptosoma strenua Walker 1868 Cat. Het. III. 523. Batchian.
- 203 **subearinata**
Coptosoma subcarinatum Montandon 1893 Rev. Ent. XII. 233. Zanzibar.
- 204 **suberuciata**
Coptosoma suberuciata Walker 1868 loc. cit. Batchian.
- 205 **subsimilis**
Coptosoma subsimile Montandon 1893 op. cit. 230. French Kongo.
var. (b) **adumbrata**
C. s. var. *adumbratum* Montandon 1893 op. cit. 231.
- 206 **sumatrana**
Coptosoma sumatranum Montandon 1896 Ann. Mus. Genova
(2) XVII. 118; Kuhlitz 1901 op. cit. 236. Sumatra.
- 207 **tenasserimensis**
Coptosoma tenasserimense Montandon 1894 op. cit. (2) XIV.
127; Distant 1902 Faun. Ind. Rh. I. 35. Tenasserim.
- 208 **terminalis**
Coptosoma terminale Montandon 1894 op. cit. 423. Papua.

- 209 **testacea** India; Java.
Coptosoma testacea Walker 1867 Cat. Het. I. 91.
C. testaceum Distant 1902 op. cit. 34.
 var. (b) **immaculata**
Coptosoma immaculatum Montandon 1894 A. S. E. Belg. XXXVIII. 265.
- 210 **tigrina** Cochinchina.
Coptosoma tigrina Stål 1876 Svensk. Vet. Ak. Handl. 14. no. 4. p. 13.
- 211 **tondanensis** Celebes.
Coptosoma tondanense Vollenhoven 1863 Faune ent. indonéerl. I. 48, Pl. 4, f. 2.
- 212 **transversa** Senegal; Gambia; Nigeria.
Coptosoma transversa [Westwood] 1837 Cat. Hope I. 17.
Thyreocoris transversus Germar 1839 Zeitschr. Ent. I. 27.
Coptosoma bimaculicollis Stål 1858 O. V. A. F. XV. 433.
C. transversum Stål 1865 Hem. Afr. I. 12.
C. hilaris Walker 1867 Cat. Het. I. 85.
C. partita Walker 1867 l. c.
- 213 **tripolitana** Tripoli.
Coptosoma tripolitanum Bergroth 1890 Rev. Ent. IX. 355.
- 214 **uniformis** Java.
Coptosoma uniforme Montandon 1893 Rev. Ent. XII. 225.
- 215 **validiceps** Papua.
Coptosoma validiceps Montandon 1894 Ann. Mus. Genova (2) XIV. 418.
- 216 **varia** Burma.
Coptosoma varium Montandon 1893 A. S. E. Belg. XXXVII. 565; Distant 1902 Faun. Ind. Rh. I. 21.
- 217 **variegata** Burma; Tonking; S. China; Philippines (Luzon); Sumatra; Borneo; Java; Timor; Papua; Sula.
Thyreocoris variegatus H-S. 1844 Wanz. IV. 83, f. 414.
Coptosoma variegatum Montandon 1894 Ann. Mus. Genova (2) XIV. 134; and 1896 A. S. E. Belg. XL. 443; Kuhl-gatz 1901 op. cit. 226 a. 242.
 var. (b) **orbicula**
Coptosoma orbicula Walker 1867 op. cit. 91.
C. blandula Walker 1867 op. cit. 96.
C. pygmaeum var. *accensitum* Montandon 1896 A. S. E. Belg. XL. 447; Kuhl-gatz 1901 op. cit. 224.
- 218 **variolosa** French Kongo; Loango.
Coptosoma variolosum Montandon 1894 op. cit. XXXVIII. 267.
- 219 **vermiculata** Java.
Thyreocoris vermiculatus Germar 1839 Zeitschr. Ent. I. 29.
Coptosoma vermiculatum Kuhl-gatz 1901 op. cit. 218, 231, 232, 252, Pl. 8. fgs. 5—9.
- 220 **verrucosa** Tibet (Mou pin).
Coptosoma verrucosum Montandon 1897 A. S. E. France LXV. 456.
- 221 **vicina** N. Queensland.
Coptosoma vicinum Montandon 1894 Ann. Mus. Genova (2) XIV. 413.
- 222 **viridans** Pulo Laut (near Borneo).
Coptosoma viridans Montandon 1896 A. S. E. Belg. XL. 108.

- 223 **vollenhoveni**
Coptosoma vollenhoveni Montandon 1896 Ann. Mus. Genova (2) XVII. 123.
 ? *C. vermiculatum* Vollenhoven 1863 op. cit. 46. Tonking; Malay Pen; Sumatra; Java; "Australia".
- 224 **W.**
Coptosoma W. Montandon 1893 Rev. Ent. XII. 237; and 1894 A. S. E. Belg. XXXVIII. 273; Distant 1902 op. cit. 28, f. 12. C. India (Barwai); Burma.
- 225 **xanthogramma**
Plataspis xanthogramma A. White 1842 Gray's Zool. Misc. I. 80. Philippines (Luzon).
Coptosoma do. Stål 1876 Svensk. Vet. Ak. Handl. 14. no. 4. p. 10; Montandon 1896 A. S. E. Belg. XL. 100.
C. baeri Lethierry 1877 B. S. E. France (5) VII. p. C.
- 226 **zonata**
Coptosoma zonatum Montandon 1896 Ann. Mus. Genova (2) XVII. 115. Sumatra.

Pseudoponsila.

Montandon 1895 Ann. Mus. Genova (2) XV. 97 (type *puncticeps*).

- 1 **puncticeps**
Pseudoponsila puncticeps Montandon 1895 op. cit. 98. Somaliland; Gallaland.

Vigetus.

Distant 1901 A. M. N. H. (7) VIII. 234; and Faun. Ind. R. I. 4 a. 13 (type *typicus*).

- 1 **typicus**
Vigetus typicus Distant 1901 A. M. N. H. (7) VIII. 235; and 1902 Faun. Ind. Rh. 14, f. 7. Assam.

Tropidotylus.

Stål 1876 Svensk. Vet. Ak. Handl. 14. no. 4. p. 4 (type *fasciolatus*).

- 1 **annandalei**
Tropidotylus annandalei Distant 1903 Fasc. Malay. Zool. I. 225, Pl. XV. f. 2. Malay States.
 § Distant 1903 l. c. (habitat).
- 2 **fasciolatus**
Tropidotylus fasciolatus Stål 1876 op. cit. 15; Distant 1902 Faun. Ind. Rh. I. 36, f. 13. Ceylon.

Bozius.

Distant 1901 A. M. N. H. (7) VIII. 238; and 1902 Faun. Ind. Rh. I. 37 (type *exsiccus*).

- 1 **exsiccus**
Bozius exsiccus Distant 1901 A. M. N. H. (7) VIII. 239; and 1902 Faun. Ind. Rh. I. c., f. 14. S. India.
- 2 **respersus**
Bozius respersus Distant 1901 A. M. N. H. (7) VIII. 239; and 1902 Faun. Ind. Rh. I. 38. S. India.

Livingstonisca.

Montandon 1894 A. S. E. Belg. XXXVIII. 626 (type *rugatissima*).

- 1 **rugatissima**
Livingstonisca rugatissima Montandon 1894 op. cit. 627. B. C. Africa, (Livingstonia).

Probaenops.

- A. White 1842 Entom. I. 406; Stål 1865 Hem. Afr. I. 17 (type *dromedarius*).
 1 **cloetensi** Belgian Kongo.
Probaenops cloetensi Montandon 1899 A. S. E. Belg. XLIII. 130.
 2 **dromedarius** Ashanti; Nigeria;
Probaenops dromedarius A. White 1842 l. c.; Stål 1865 op. Kamerun.
 cit. 18; Haglund 1894 O. V. A. F. LI. 393.
 3 **obtusius** Kamerun; French
Probaenops obtusus Haglund 1894 l. c. Kongo.
Proboenops do. Montandon 1896 A. S. E. Belg. XL. 133
 (laps. cal.).

Species of doubtful generic position.

- 1 **Thyreocoris melolonthoides** Burmeister 1835 Handb. Ent. Cape Colony.
 II. 384; Germar 1839 Zeitschr. Ent. I. 36¹⁾.

¹⁾ Germar erroneously places this in the neotropical [subg. Germar] *Eumetopia*.

Subfamily 10.

Tessaratominae.

Stål 1870 Svensk. Vet. Ak. Handl. 9. no. 1. pp. 60—78 (enumeration; table of 10 genera of Eusthenini on 70—71).

Stål 1865 Hem. Afr. I. 223—26 (table of 23 genera).

Horváth 1900 Termész. füzet. XXIII. 339—74, Pls. 9—10 (tables of divisions; tables of 4 genera of Oncomerini pp. 340—41, and 4 of Sepinini pp. 366—67).

Distant 1902 Faun. Ind. Rh. I. 256—79 (account of 14 Indo-Sinhalese genera, with tables).

Horváth (1900 Termész. füzetek. XXIII. 339) has divided this into nine tribes, presenting the results in synoptic form; eleven are now recognized.

The Tessaratominae are very sparsely neogeic, only three species being known in the new world, one however forming a monotypic tribe. The subfamily is overpoweringly Oriental, five-eighths of the latter being Indomalayan; it is also worthy of notice that the Indomalayan and Austromalayan forms together practically equal those of the rest of the old world. Three tribes (with eleven species) are precinctively Madagascan, so that the subfamily as a whole is distinctly insular. Of the other tribes, three-fourths of the Oncomerini are Australasian, the Eusthenini and Tessaratomini are predominantly Oriental, principally Indomalayan, while the Natalicolini are Continental Ethiopian, with the exception of one Australasian.

Genera	Australasian		Oriental			Ethiopian		Palearctic			Total
	Australian	Austro-Malayan	Indo-Malayan	Indo-Chinese	Philippines	Africa	Mascarene	Palearctic proper	Manchurian	American	
Pantochlora	—	—	—	—	—	—	—	—	—	1	1
Eumenotes	—	1	1	1	—	—	—	—	—	—	3
Delocephalus	—	—	—	—	—	1	1	—	—	—	2
Notopomus	—	—	1	—	—	—	—	—	—	—	1
Prionogaster	—	—	—	—	—	1	—	—	—	—	1
Platyatus	—	—	—	—	—	—	1	—	—	—	1
Rhoecocoris	3	—	—	—	—	—	—	—	—	—	3
Stilida	2	—	—	—	—	—	—	—	—	—	2
Erga	1	—	—	—	—	—	—	—	—	—	1
Lyramorpha	2	9	—	—	—	—	—	—	—	—	11
Tamolia	—	1	—	—	—	—	—	—	—	—	1
Agapophyta	1	1	—	—	—	—	—	—	—	—	2
Oncomeris	1	5	—	—	—	—	—	—	—	—	6
Plisthenes	2	6	2	—	—	—	—	—	—	—	10
Mesolea	—	—	—	1	—	—	—	—	—	—	1
Piezosternum	—	—	—	—	—	2	1	—	—	2	5
Nesalica	—	—	1	—	—	—	—	—	—	—	1

Tribe 1.

Oncomerini.**Rhoecocoris.**

|| *Oncoscelis* Westwood 1836 T. E. S. London II. 19 (type *australasiae*).

|| *Rhoecus* Bergroth 1891 Rev. Ent. X. 214 (new name).

Rhoecocoris Bergroth 1895 P. Roy. S. Victoria VII. 291 (new name).

1 antennatus

Oncoscelis antennatus Distant 1880 T. E. S. London 150,
Pl. 5. f. 6.

Torres Sts.

2 australasiae

Oncoscelis australasiae Westwood 1836 op. cit. 20, Pl. 2. f. 5.

"Australia."

3 sulciventris

Oncoscelis sulciventris Stål 1863 T. E. S. London (3) I. 598;
Olliff 1892 Agr. Gaz. N. S. Wales III. 368. Pl.

S. Queensland; New
South Wales.

Stilida indecora Froggatt 1901 Agr. Gaz. N. S. Wales XII.
1596, f. 13 (not Stål).

Rhoecocoris sulciventris Froggatt 1907 Austral. Ins. 331, Pl.
XXXI. f. 13.

§ Froggatt 1907 l. c.

§§ Olliff l. c. (*n.—a.*).

Foodplants: *Citrus aurantium* and *limona*.

Stilida.

Stål 1863 T. E. S. London (3) I. 599; and 1864 Hem. Afr. I. 223 (type *indecora*).

1 indecora

S. Queensland.

Stilida indecora Stål 1863 T. E. S. London (3) I. 599; and
1870 Svensk. Vet. Ak. Handl. 9. no. 1. p. 61; Froggatt
1907 l. c.

Foodplant: *Citrus aurantium*.

2 sinuata

Stilida sinuata Stål 1870 l. c.

Queensland (through-
out); New South
Wales.**Erga.**

|| *Axona* Stål 1864 Hem. Afr. I. 224; and 1870 Svensk. Vet. Ak. Handl. 9. no. 1.
p. 61 (type *longitudinalis*).

Erga Walker 1868 Cat. Het. III. 485 (type *roseoflua* = *longitudinalis*).

1 longitudinalisQueensland (through-
out).

Raphigaster longitudinalis [Westwood] 1837 Hope Cat. I. 31.

Erga roseoflua Walker 1868 op. cit. 486.

Lynamorpha.

[Westwood] 1837 op. cit. 27; Horváth 1900 Termész. füzet. XXIII. 341 (type *rosea*).
subgen. (b) **Lyrodes** Horváth op. cit. 342 a. 345 (type *basalis*).

subgen. (c) **Diploxyphus** Horváth op. cit. 344 a. 352 (type *maculifer*).

(a) subgen. typ.**1 rosea**

Lynamorpha rosea [Westwood] 1837 op. cit. 28; Breddin 1900
Ent. Nachr. XXVI. 38, f. 9—10; Horváth 1900 op. cit.
344, Pl. IX. fgs. 1 a. 9.

New South Wales;
Victoria; South
Australia.

L. pallida [Westwood] l. c.

(b) subgen. Lyrodes.**2 ambigua**

Lynamorpha vollenhorii Vollenhoven 1868 Faune ent. indo-
néerl. III, Pl. IV. f. 3 a. 3 a (= ♂) (not Stål).

Salawati.

L. ambigua Horváth 1900 op. cit. 342 a. 349; Pl. IX. f. 4 and X. f. 4.

3 **basalis**

Lyramorpha basalis Horváth 1900 Jenaische Denkschr. VIII. 633. (= ♀); and 1900 Termész. füzet. XXIII. 345, Pl. X. f. 1.

Papua.

4 **breddini**

Lyramorpha diluta Breddin 1900 Ent. Nachr. XXVI. 35, f. 5 (= ♀).

Papua.

L. breddini Horváth 1900 op. cit. 343 a. 347, Pl. IX. f. 10.

5 **diluta**

Lyramorpha diluta Stål 1863 T. E. S. London (3) I. 598; Vollenhoven 1868 op. cit. 36; Breddin 1900 l. c., f. 4 (= ♂).

Papua; Salawati;
Bertrand Isl.

L. basalis Horváth 1900 Jenaische Denkschr. VIII. 633 (= ♂).

6 **impar**

Lyramorpha impar Horváth 1900 Termész. füzet. XXIII. 343 a. 346, Pl. X. f. 2.

Papua.

7 **parens**

Lyramorpha parens Breddin 1900 Ent. Nachr. XXVI. p. 37, f. 8; Horváth 1900 op. cit. 350, Pl. IX. f. 5, a. X. f. 5.

Queensland.

8 **persimilis**

Lyramorpha persimilis Horváth op. cit. 342, 343 a. 346, Pl. IX. f. 2, a. X. f. 3.

Papua.

9 **soror**

Lyramorpha soror Breddin 1900 op. cit. 37, f. 6—7; Horváth 1900 op. cit. 350, Pl. IX. f. 6, a. X. f. 6.

Papua.

10 **vollenhovii**

Lyramorpha vollenhovii Stål 1867 Tijdschr. Ent. (2) II. 124; Vollenhoven 1868 op. cit., Pl. IV. f. 3 (♂ ♀); Breddin 1900 op. cit. 34, f. 3; Horváth 1900 op. cit. 351, Pl. IX. f. 7, a. X. f. 7.

Morotai; Jilolo; Wai
giu; Batchian.

L. picta Distant 1893 A. M. N. H. (6) XI. 430.

(c) subgen. **Diploxyphus**.

11 **maculifera**

Lyramorpha maculifer Tryon 1892 Ann. Queensland Mus. II. 19.

Papua.

L. maculifera Horváth 1900 op. cit. 352, Pl. IX. f. 8, a. X. f. 8.

Tamolia.

Horváth 1900 Termész. füzet. XXIII. 341 a. 365 (type *ramifera* = *horvathi*).

1 **horvathi**

Tamolia ramifera Horváth 1900 op. cit. 365 (not Walker).
T. horvathi Distant 1900 A. M. N. H. (7) VI. 379.

Papua.

Agapophyta.

Laporte 1832 Essai 55 a. 63; Boisduval 1835 Voy. Astrolabe, Ent. II. 626; Guérin 1838 Voy. Coquille, Ins. 163; Stål 1870 Svensk. Vet. Ak. Handl. 9. no. 1 p. 62 (type *bipunctata*).

1 **bipunctata**

Agapophyta bipunctata Boisduval 1835 l. c., Pl. 11. f. 5; Guérin 1838 l. c., Pl. 11. f. 5; Vollenhoven 1868 Faune ent. indo-néerl. III. 20.

Papua; Moluccas; Sa-
lawati; Buru; Havre
Carteret; Murua;
Australia.

§ Kuhlitz 1905 Zool. Jahrb., Suppl. VIII. 595—616 (metam.).
Foodplant: lives in troupes on *Acacia* sp.

Oncomeris.

- Oncomeris* Laporte 1832 Essai 55 a. 60; Horváth 1900 Termész. füzet. XXIII. 353 (type *flavicornis*).
- Oncomeris* Burmeister 1835 Handb. Ent. II. 352.
- 1 **bernsteinii** Morotai; Jilolo.
Oncomeris bernsteinii Vollenhoven 1868 op. cit. 30, Pl. 4. f. 1.
Oncomeris do. Horváth 1900 op. cit. 357.
- 2 **chrysoptera** Papua.
Oncomeris flavicornis var. *chrysoptera* Vollenhoven 1868 l. c., Pl. 4. f. 2.
Oncomeris chrysopterus Horváth 1900 op. cit. 355, textfigs. 1, 3 a. 5.
var. (b) **ramulosa** Aru; Ternate.
= var. *ramulosus* Horváth l. c.
- 3 **flavicornis** Papua; Aru; Ternate; Buru; Waigi; Tropical Queensland; Celebes; (? Borneo).
Tessarotoma flavicorne Boisduval 1835 Voy. Astrolabe, Ent. II. 631, Pl. 11. f. 10¹); Guérin 1838 Voy. Coquille Ins. 171, Pl. 12. f. 2.
Oncomeris flavicornis Burmeister 1835 Handb. Ent. II. 353¹); Vollenhoven 1868 op. cit. 30.
Oncomeris do. Horváth 1900 op. cit. 356, textfigs. 4, 6 a. 7.
var. **gigantea** Papua.
Oncomeris do. var. *giganteus* Horváth 1900 op. cit. 357. fig. 7
§ Horváth 1900 op. cit. 357 (n.).
- 4 **ostracioptera** Murua; New Caledonia.
Tessarotoma ostraciopterum Montrouzier 1855 A. S. Agr. Lyon (2) VII. 99.
Oncomeris socius Stål 1859 Eugenie's Resa 232.
§ Montrouzier l. c. (liquid ejected, very painful to eyes).
- 5 **vicina** Birara (New Britain).
Oncomeris vicina Horváth 1900 op. cit. 354 a. 358, f. 2.

Plisthenes.

- || *Merocoris* Burmeister 1834 Silb. Rev. Ent. II. 19 (type *merianae* = *meriani*).
Plisthenes Stål 1864 Hem. Afr. I. 224; Horváth 1900 Termész. füzet. XXIII. 359 (type *dilatata*).
- 1 **australis** N. Queensland.
Plisthenes australis Horváth 1900 op. cit. 360 a. 362.
- 2 **buruensis** Buru.
Plisthenes buruensis Breddin 1904 Wien. E. Z. XXIII. 179. f. 1.
- 3 **confusus** Java; Batchian; Obi; Jilolo; Ceram. Morotai. Waigia. Salawati.
Oncomeris dilatatus Vollenhoven 1868 op. cit. 32 (not Montrouzier).
Plisthenes merianae Distant 1888 T. E. S. London 151 (not Fabricius).
P. confusus Horváth 1900 op. cit. 360 a. 361.
- 4 **dilatatus** Papua; Jilolo; Murua; Solomons; Duke of York Isl. (in Bismarck Archipelago).
Tessarotoma dilatatum Montrouzier 1855 Ann. S. Agr. Lyon (2) VII. 100.
Plisthenes dilatatus Horváth 1900 op. cit. 363.
P. ventralis Horváth op. cit. 360 a. 364.
- 5 **meriani** Sumatra; Borneo; Waigia.
— — Stoll. Pun. f. 141. Java: Moluccas. Babelian.
Cimex meriani Fabricius 1775 Syst. Ent. 707. (Morotai, Meisol); Haruka. Murua. dd

1) I do not know which has priority. Boisduval's preface is dated February. His description is much better than Burmeister's diagnosis and should have priority till the matter is definitely settled.

- C. merianae* Fabricius 1781 Spec. Ins. II. 351.
Oncomerus do. H-S. 1838 Wanz. IV. 81, f. 411.
Plisthenes do. Stål 1870 Svensk. Vet. Ak. Handl. 9. no. 1. p. 63.
P. meriani Horváth 1900 op. cit. 360.
 §§ Dohrn 1866 Stett. E. Z. XXVII. 323 etc., Pl. IV. f. 3 etc. (anat.).

Ceram; Amboina;
 Timor; Aru; Papua;
 N. Queensland. [Surinam in error].

- 6 **moluccanus**
Plisthenes moluccanus Horváth 1900 op. cit. 360 a. 362.

Moluccas. *Halmahera*.

- 7 **scutellatus**
Plisthenes scutellatus Distant 1889 A. M. N. H. (6) III. 272;
 Horváth 1900 op. cit. 364.

Papua; Solomons
 (Bougainville Isl.).

Mesolea.

Breddin 1902 Wien. E. Z. XXI. 99 (type *pedestris*).

- 1 **pedestris**
Mesolea pedestris Breddin 1902 op. cit. 100.

N. India.

Piezosternum.

- Piezosternum* Amyot et Serville 1843 Hém. 161; Stål 1864 Hem. Afr. I. 227; Schouteden 1905 Rhynch. Aeth. I. 214 (type *mucronatum* = *subulatum*).
Salica Walker 1868 Cat. Het. III. 469 (type *excellens* = *subulatum*).
 subgen. (b) **Piezosternias** nov. = *Piezosternum* (a) Stål 1870 (type *calidum*).

(a) subgen. typ.

- 1 **subulatum**
Cimex subulatus Thunberg 1783 Nov. Ins. sp. II. 41, Pl. 2. f. 55.
C. vacca Fabricius 1794 Ent. Syst. IV. 92.
C. gazella Fabricius l. c.
Pentatoma mucronata Palisot 1805 Ins. Afr. Amér. 46, Hém. Pl. 6. f. 5 a. 6.
Piezosternum mucronatum Amyot et Serville 1843 Hém. 162.
P. subulatum Stål 1864 Hem. Afr. I. 228; Sharp 1890 T. E. S. London 404, Pl. 13. f. 10.
Salica excellens Walker 1868 Cat. Het. III. 469.

Mexico; Antilles (Cuba etc.); Panama;
 Colombia; Guiana;
 Brazil. *Porto Rico*.

- 2 **thunbergi**
Piezosternum thunbergi Stål 1860 Svensk. Vet. Ak. Handl. 2. no. 7. p. 28.

Brazil (Rio de Janeiro).

(b) subgen. Piezosternias.

- 3 **calidum**
Cimex calidus Fabricius 1787 Mant. Ins. II. 292.
C. papillosus Fabricius 1794 Ent. Syst. IV. 106 (not Drury).
Pentatoma tenebraria Palisot 1805 l. c., Pl. 6. fgs. 3 a. 4.
Edessa vicina [Westwood] 1837 Cat. Hope I. 29.
Piezosternum tenebrarium Amyot et Serville 1843 Hém. 162.
P. calidum Stål 1864 Hem. Afr. I. 228; Schouteden 1905 op. cit. 215, Pl. V. f. 1, textfigs. 65—67.
 var. (a) **breddini** Schouteden 217, figs. 68—70.
 §§ Schouteden op. cit. 275, f. 133 (n. of var.).

Kongo; Kameruns;
 "Guinea"; Ashanti;
 Sierra Leone; Calabar; Fernando Po;
 St. Thomas Isl.; Br. Nyasaland.

- 4 **fallax**
Piezosternum fallax Breddin 1898 Ent. Nachr. XXIV. 264;
 Schouteden 1905 op. cit. 218, f. 71—3.

Gold Coast; "Guinea";
 Kongo; Togoland;
 German East Africa.

- 5 **rubens**
Piezosternum rubens Distant 1879 T. E. S. London 210, Pl. 5. f. 8.

Madagascar.

Neosalica.

Distant 1882 Ent. Mo. Mag. XIX. 157 (type *forbesi*).

- 1 **forbesi**
Neosalica forbesi Distant l. c.

Sumatra.

Tribe 2.

Tessaratomini.

Mucanum.

Amyot et Serville 1843 Hém. 163 (type *canaliculatus*).1 *canaliculatum*

Java.

Tessaratoma canaliculata Lepeletier et Serville 1828 Enc. Méth. X. 590.*Mucanum canaliculatum* Vollenhoven 1868 Faune ent. indo-néerl. III. 21.2 *maculigerum*

Java; Philippines;

Mucanum maculigerum Stål 1858 O. V. A. F. XV. 438; and 1863 T. E. S. London (3) I. 594; Vollenhoven 1868 op. cit. 22.3 *patibulum*

Malacca; Sumatra;

Mucanum patibulum Vollenhoven l. c., Pl. 3. f. 1.

Java; Borneo.

Embolosterna.

Stål 1870 Svensk. Vet. Ak. Handl. 9. no. 1. p. 66 (type *taurus*).1 *taurus*

Ligor; China; Malacca; Borneo.

Tessaratoma taurus [Westwood] 1837 Cat. Hope I. 27.*Tessaratoma (?) cornuta* Dallas 1851 List 342.2 *olivacea*

Borneo.

Embolosterna olivacea Horváth 1900 Termész. füzet. XXIII. 366.3 *vacca* ~~*maculigerum*~~

Borneo.

Embolosterna vacca Martin 1902 Bull. Mus. Paris VIII. 335.

Tessaratoma.

Tessaratoma Berthold 1827 Latreille's Nat. Fam. Thierr. 416; Lepeletier et Serville 1828 Enc. Méth. X. 590; Stål 1864 Hém. Afr. I. 229; Schouteden 1905 Rhynch. Aeth. I. 221 (type *papillosa*).*Tessaratoma* Latreille 1829 Règne Anim. Cuv. V. 195; Burmeister 1835 Handb. Ent. II. 350.*Tessarotoma* Boisdual 1835 Voy. Astrolabe Ent. II. 631.1 *absimilis*

E. Africa, Mwapwa.

Tessaratoma absimilis Distant 1893 A. M. N. H. (6) XI. 431; Schouteden 1905 op. cit. 225, f. 82.2 *aethiops*

Kongo; Kameruns.

Tessaratoma aethiops Distant 1877 Ent. Mo. Mag. XIV. 62.*Tessaratoma do.* Waterhouse 1881 Aid. Ident. Ins. I. Pl. 49; Schouteden 1905 op. cit. 222, f. 74—76.*T. hornimani* Montandon 1894 A. S. E. Belg. XXXVIII. 634; Schouteden Mem. S. Españ. H. N. I. (not Distant).

§§ Schouteden 1905 Rhynch. Aeth. I. 274, Pl. 5. f. 3 (n.).

3 *afzelii*

"Guinea"; Gold Coast; Ivory Coast; Kongo; Sierra Leone; Kameruns; Togoland; German East Africa.

Edessa papillosa Fabricius 1803 Syst. Rhyng. 150 (not Thunberg).*Tessaratoma afzelii* Stål 1854 O. V. A. F. X. 233; and 1864 Hém. Afr. I. 229; Schouteden 1905 op. cit. 226, f. 83—88.*T. usambarica* Breddin 1903 Soc. Ent. XVIII. 107.*T. niemensis* Schouteden 1904 A. S. E. Belg. XLVIII. 148.4 *conspersa* ~~*e*~~

Celebes.

Tessarotoma conspersa Stål 1863 T. E. S. London (3) I. 595; Breddin 1901 Abh. Ges. Nat. Halle XXIV. 61.5 *hornimani*

Kameruns; Kongo.

Tessaratoma hornimani Distant 1877 Ent. Mo. Mag. XIV. 63.

- Tessaratoma* do. Waterhouse 1883 op. cit., Pl. 135; Bergroth 1891 Rev. Ent. X. 213; Schouteden 1905 Rhynch. Aeth. 1. 223, Pl. V. f. 2, textfs. 77—78.
 § Schouteden 1905 op. cit. 274 (n.).
- 6 indicta** Kameruns; "C. Africa".
Tessaratoma indicta Distant 1890 P. Zool. S. London 477; Schouteden 1905 op. cit. 228, f. 89—91.
 § Schouteden op. cit. 275 (n.).
- 7 javanica** India; Ceylon; Assam; Burma; Tenasserim; Malacca; Sumatra; Borneo; Java; Timor.
Cimex javanicus Thunberg 1783 Nov. Ins. Sp. II. 145.
Tessaratoma javana Burmeister 1835 Handb. Ent. II. 350.
T. proxima [Westwood] 1837 Hope Cat. I. 27.
T. papillosa Blanchard 1840 Hist. Nat. Ins. 143. Hém. Pl. 6. f. 2.
Tessaratoma angularis Dohrn 1863 Stett. E. Z. XXIV. 349.
Tessaratoma javanica Vollenhoven 1868 op. cit. 25, Pl. 3. f. 4b.
Tessaratoma do. Distant 1902 Faun. Ind. Rh. I. 259.
 §§ Stoll Pun. f. 271 (n).
 Foodplant; *Sapindus trifoliatu*s.
 This species stridulates.
- 8 longicornis** Philippines.
Tessaratoma longicornis Dohrn 1863 Stett. E. Z. XXIV. 349; Stål 1870 Svensk. Vet. Ak. Handl. 9. no. 1. p. 66.
- 9 malaya** Malacca; Ligor.
Tessaratoma malaya Stål 1870 op. cit. 67.
Tessaratoma do. Sharp 1890 T. E. S. London 402, Pl. XII. f. 1.
- 10 miscella** Kongo.
Tessaratoma miscella Montandon 1894 A. S. E. Belg. XXXVIII. 634; Schouteden 1905 op. cit. 229, f. 92—93.
 var. *viridans* Montandon op. cit. 636; Schouteden op. cit. 230, Pl. 5. f. 4.
- 11 nemorivaga** Kongo; "C. Africa".
Tessaratoma nemorivaga Distant 1890 P. Zool. S. London 476; Schouteden 1905 op. cit. 224, f. 79—81.
 § Schouteden 1905 op. cit. 275 (n.).
- 12 nigripes** India; Malay Pen.; Philippines; Sumatra; Borneo; Java.
Tessaratoma nigripes Dallas 1851 List 341; Distant 1902 Faun. Ind. Rh. I. 257.
Tessaratoma do. D. Sharp 1890 op. cit. 401, Pl. XII. f. 2.
T. javanica var. do. Vollenhoven 1868 op. cit. 26.
- 13 papillosa** India; Ceylon; Assam; Burma; Tenasserim; Siam; China; Macao; Malacca; Sumatra; Java; Lombok; Timor; Philippines (Luzon).
Cimex papillosus Drury 1770 Ill. Nat. Hist. I. 96, Pl. 43. f. 2; Wolff 1800 Icon. Cim. I. 12, f. 12.
C. chinensis Thunberg 1783 Nov. Ins. Sp. II. 45, Pl. 2. f. 59.
C. sinensis Gmelin 1789 Syst. Nat. (Ed. XIII.) 2158.
Tessaratoma sonneratii Lepeletier et Serville 1828 Enc. Méth. X. 590; Guérin 1844 Icon. R. Anim., Pl. 55. f. 4.
T. ossacruenta Gray 1832 Griffith's Anim. Kingd. XV. 239, Pl. 93. f. 1 (= nymph).
Tessaratoma sonneratii Burmeister 1834 Nov. Act. Leop. Carol. XVI. Suppl. 293.
Tessaratoma papillosa Hahn 1835 Wanz. II. 123, f. 204; Distant 1902 op. cit. 259.
Tessaratoma do. Ellenrieder 1863 Nat. Tijdschr. Ned. Indie XXIV. 169, Pl. VI. fgs. 2, 3 a. 5; D. Sharp 1890 op. cit. 402, Pl. XII. f. 3.
T. striata Walker 1867 Cat. Het. III. 463.

T. furcifera Walker l. c.
T. clara Walker op. cit. 464.
 Foodplant: *Sapindus trifoliatu*s.

- 14 **quadrata** *Tessaratoma malaya* Distant 1879 A. M. N. H. (5) III. 45. N. India; Assam.
 (ref.) (not Stål).
T. quadrata Distant 1902 Faun. Ind. Rh. I. 258, f. 164.
 15 **rubida** *Tessaratoma rubida* Breddin 1901 Abh. Ges. Nat. Halle XXIV. 61. Celebes.
 16 **timorensis** *Tessaratoma javanica* var. *timorensis* Vollenhoven 1868 op. Timor.
 cit. III. 26, Pl. 3. f. 4.
 17 **spinipes** *Tessaratoma spinipes* Bergroth 1906 A. S. E. Belg. L. 196. Pemba Is.

Siphnus.

Stål 1863 T. E. S. London (3) 597 (type —).

- 1 **alcides** *Siphnus alcides* Stål l. c. Cambodia.
 2 **dilatatus** *Siphnus dilatatus* Walker 1868 Cat. Het. III. 467. Siam.
 3 **hector** *Siphnus hector* Stål l. c. Malacca.

Hypencha.

Amyot et Serville 1843 Hém. 166; and Stål 1870 Svensk. cit. 9. no. 1. p. 68 (type *apicalis*).

- 1 **alata** *Hypencha alata* Breddin 1905 Jb. Hamb. Wiss. Anst. XXII. Banguey.
 (2) 210.
 2 **apicalis** *Tessaratoma apicalis* Lep. et Serv. 1828 Enc. Méth. X. 591. Sumatra; Borneo;
T. picea Dallas 1851 List 341. Java.
Hypencha reriki Ellenrieder 1862 Nat. Tijdschr. Ned. Ind.
 XXIV. 160, Pl. V. f. 30.
Tessaratoma apicalis Vollenhoven 1868 op. cit. 26.
T. semicuprea Walker 1868 op. cit. 465.
 3 **luctuosa** *Hypencha luctuosa* Stål 1863 op. cit. 596; Distant 1902 Faun. Burma.
 Ind. Rh. I. 260, f. 165.
 4 **ophthalmica** *Hypencha ophthalmica* Stål 1863 l. c. Malacca.
 5 **opposita** *Tessaratoma opposita* Walker 1868 op. cit. 466. Malay Pen., (Johore).

Acidosterna.

Stål 1872 Svensk. Vet. Ak. Handl. 10. no. 4. p. 129 (type *nitida*).

- 1 **nitida** *Acidosterna nitida* Stål 1872 op. cit. 130. Malacca.

Pygoplatys.

Dallas 1851 List 317 a. 338 (type *validus*).
 subg. (b.) *Odontoteuchus* Stål 1871 O. V. A. F. XXVII. 643 (type *thoreyi*).

(a) subgen. *typ.*

- 1 **acutus**
Pygoplatys acutus Dallas 1851 op. cit. 340; Distant 1902 op. cit. 261, f. 166.
P. roseus Vollenhoven 1868 Faune ent. indo-néerl. III. 24. Burma; Malacca.
- 2 **bovillus**
Pygoplatys bovillus Stål 1871 O. V. A. F. XXVII. 643. Philippines.
- 3 **celebensis**
Pygoplatys celebensis Breddin 1901 Abh. Ges. Nat. Halle XXIV. 62. Celebes.
- 4 **cribratus**
Piezosternum cribratum Walker 1868 Cat. Het. III. 458.
Pygoplatys trucidus Walker 1868 op. cit. 461.
P. cribratus (sic!) Distant 1900 A. M. N. H. (7) VI. 61. Malacca; Saráwak.
- 5 **firmatus**
Piezosternum firmatum Walker 1868 op. cit. 458. Malacca.
- 6 **forticornis**
Tessaratomya forticornis Walker 1868 op. cit. 465. Borneo; Saráwak.
- 7 **ingenuus**
Piezosternum ingenuum Walker 1868 op. cit. 459.
Pygoplatys ingenus (sic!) Leth. et Sev. 1893 Cat. I. 229. — ?
- 8 **lancifer**
Pygoplatys lancifer Walker 1868 op. cit. 460. Saráwak.
- 9 **lunatus**
Pygoplatys lunatus Distant 1893 A. M. N. H. (6) XI. 431. Borneo.
- 10 **minax**
Pygoplatys minax Vollenhoven 1868 op. cit. 23, Pl. 3. f. 3. Borneo; India.
- 11 **montanus**
Pygoplatys montanus Distant 1900 T. E. S. London 696. Borneo.
- 12 **ralandii**
Mucanum ralandii Ellenrieder 1862 Nat. Tijdschr. Ned. Ind. XXIV. 159, Pl. 5. f. 29.
Pygoplatys do. Vollenhoven 1868 op. cit. 24.
P. ralandi Breddin 1900 Stett. E. Z. LXI. 331.
Foodplant: *Cyperaceae*. Sumatra.
- 13 **shelfordi**
Pygoplatys shelfordi Distant 1901 T. E. S. London 587. Borneo.
- 14 **subrugosus**
Pygoplatys subrugosus Vollenhoven 1868 op. cit. 23, Pl. 3. f. 2. Amboina; Buru.
- 15 **tauriformis**
Pygoplatys tauriformis Distant 1893 A. M. N. H. (6) XI. 431; and 1902 Faun. Ind. Rh. I. 261. Tenasserim.
- 16 **validus**
Pygoplatys validus Dallas 1851 List 339, Pl. XI. f. 1. — ?
- 17 **zonatus**
Pygoplatys zonatus Stål 1863 T. E. S. London (3) I. 595. Borneo.

(b) subgen. *Odontoteuchus.*

- 18 **haedulus**
Pygoplatys haedulus Stål 1871 O. V. A. F. XXVII. 644. Philippines.
- 19 **longiceps**
Pygoplatys longiceps Stål l. c. 643. Philippines.
- 20 **rosulentus**
Pygoplatys rosulentus Stål l. c. 644. Philippines.
- 21 **thoreyi**
Pygoplatys (?) *thoreyi* Dohrn 1863 Stett. E. Z. XXIV. 350. Philippines.

Anacanthopus.

Montandon 1894 A. S. E. Belg. XXXVIII. 639 (type *flavolimbatus*).

flavolimbatus

Philippines.

Anacanthopus flavolimbatus Montandon op. cit. 640.

Peltocopta.

|| *Coptopelta* Bergroth 1895 P. Roy. Soc. Victoria VII. 290 (type *crassiventris*).

Peltocopta Bergroth 1904 Wien. E. Z. XXIII. 40 (new name).

crassiventris

Queensland.

Coptopelta crassiventris Bergroth 1895 P. Roy. S. Vict. VII. 291.

Amissus.

Stål 1863 T. E. S. London (3) I. 595 (type *atlas*).

atlas

Tenasserim; Singapur.

Amissus atlas Stål 1863 op. cit. 596; Distant 1902 Faun.

Ind. Rh. I. 262, f. 167.

nitidus

Sarawak.

Amissus nitidus Walker 1868 Cat. Het. III. 466.

testaceus

Tribe 3.

Eusthenini.

(Table of 10 genera, Stål 1870 Svensk. Vet. Ak. Handl. 9. no. 1. p. 70.)

Vitruvius.

Distant 1901 T. E. S. London 111; and 1902 Faun. Ind. Rh. I. 278 (type *insignis*).

insignis

Burma.

Vitruvius insignis Distant 1901 T. E. S. London 112; and
1902 Faun. Ind. Rh. I. 278, f. 177.

Muscanda.

Walker 1868 Cat. Het. III. 576; Distant 1902 op. cit. 277 (type *testacea*).

testacea

N. India.

Muscanda testacea Walker 1868 op. cit. 577; Distant 1902
l. c., f. 176.

Eusthenes.

Laporte 1832 Essai 64; Stål 1870 Svensk. Vet. Ak. Handl. 9. no. 1. p. 71 a. 230
(type *robustus*).

cupreus

India; Ceylon; Assam;
Siam; Malay Pen.

Tessaratoma cuprea [Westwood] 1837 Hope Cat. I. 27.
Eusthenes cupreus Stål 1870 op. cit. 71 a. 231; Distant 1902
op. cit. 266.

diomedes

Tonkin.

Eusthenes diomedes Breddin 1904 Wien. E. Z. XXIII. 15.

Assam; Burma.

eurytus

Eusthenes eurytus Distant 1887 T. E. S. London 358; and
1902 Faun. Ind. Rh. I. 265; D. Sharp 1890 T. E. S.
London 402.

Assam.

hercules

Eusthenes hercules Stål 1870 op. cit. 231; Distant 1902 op.
cit. 264.

Java.

jason

Eusthenes scutellaris Vollenhoven 1868 op. cit. 28, Pl. 3.
f. 5 (not H-S.).

Eusthenes jason Stål 1870 op. cit. 232.

- 6 **paris** Lombok.
Eusthenes paris Breddin 1899 Beih. Jb. Hamb. Wiss. Anst. XVI. (2) 167, f. 4.
- 7 **polyphemus** N. India; Assam; Burma.
Eusthenes polyphemus Stål 1863 T. E. S. London 598; Distant 1902 op. cit. 265.
- 8 **pratti** China.
Eusthenes pratti Distant 1890 Entom. XXIII. 160; D. Sharp 1890 T. E. S. London 403, Pl. 12. f. 4; and 1901 ~~1901~~ ¹⁸⁹¹ Cambr. Nat. Hist. VI. 533, f. 255 B.
 §§ Sharp op. cit. 534, f. 255 A (n.).
- 9 **robustus** ^{p. 282} India; Assam; Borneo; Java; Celebes. *S. China*
Tessaratomia robusta Lep. et Serv. 1828 Enc. Méth. X. 591.
Eusthenes elephas Dohrn 1863 Stett. E. Z. XXIV. 351.
E. robustus Distant 1902 Faun. Ind. Rh. I. 264, f. 168.
- 10 **rubefactus** Burma.
Eusthenes rubefactus Distant 1901 T. E. S. London 111; and 1902 Faun. Ind. Rh. I. 267.
- 11 **saevus** N. India; Assam; N. China.
Eusthenes saevus Stål 1863 T. E. S. London (3) I. 597; Distant 1902 op. cit. 265.
- 12 **scutellaris** N. India; Assam; Sumatra; Java.
Tessaratomia scutellaris H-S. 1838 Wanz. IV. 81, f. 410.
Eusthenes minor Vollenhoven 1868 op. cit. 29¹⁾.
E. antennatus Distant 1887 T. E. S. London 357.
E. scutellaris Distant 1902 Faun. Ind. Rh. I. 267.
 § Breddin 1905 Beih. Jb. Hamb. Wiss. Anst. XXII. (2) 116 (n. of this?).
- 13 **teucer** Java.
Eusthenes teucer Breddin 1905 l. c.
- 14 **theseus** India.
Eusthenes theseus Stål 1870 Svensk. Vet. Ak. Handl. 9. no. 1. p. 231.
- 15 **thoracicus** Assam.
Eusthenes thoracicus Distant 1900 A. M. N. H. (7) VI. 61; and Faun. Ind. Rh. I. 266.
- 16 **touchei** China.
Eusthenes touchei G. Fallou 1887 Naturaliste 413; Bergroth 1894 Rev. Ent. XIII. 152.
- 17 **ulixes** Java (Fo-Kien).
Eusthenes ulixes Breddin 1899 op. cit. (2) XVI. 187, f. 12.

Eurostus.

Dallas 1851 List 318 a. 342 (type *validus*).

- 1 **grossipes** India; Assam.
Eurostus grossipes Dallas 1851 op. cit. 343; D. Sharp 1890 T. E. S. London 404; Distant 1902 op. cit. 268, f. 169.
- 2 **heros** Tonkin.
Eurostus heros Breddin 1904 Wien. E. Z. XXIII. 16.
- 3 **moutoni** China (Ngan-Hoei).
Eurostus moutoni Montandon 1894 A. S. E. Belg. XXXVIII. 636.

¹⁾ Breddin seems to regard *minor* as a good species.

- 4 **ochraceus** Burma; China.
Eurostus ochraceus Montandon 1894 op. cit. 638; Distant
 1902 op. cit. 269.
- 5 **validus** China.
Eurostus validus Dallas 1851 op. cit. 343, Pl. 11. f. 2.

Mattiphus.

- Amyot et Serville 1843 Hém. 168 (type *carrenoi* = *laticollis*).
- 1 **aeruginosus** Ceylon.
Mattiphus aeruginosus Stål 1863 T. E. S. London (3) I. 600;
 Distant 1902 op. cit. 270.
- 2 **aurifer** Philippines.
Mattiphus aurifer Stål 1870 Svensk. Vet. Ak. Handl. 9. no.
 1. p. 72.
- 3 **hians** Philippines.
Mattiphus hians Stål 1871 O. V. A. F. XXVII. 644.
- 4 **jaspideus** N. India; Assam.
Pycanum jaspideum H.-S. 1850 Wanz. IX. 308, f. 1009.
Mattiphus jaspideus Distant 1902 l. c.
- 5 **laticollis** India; Malacca; Java.
Eusthenes laticollis [Westwood] 1837 Hope Cat. I. 27.
Mattiphus carrenoi Amyot et Serville 1843 Hém. 168.
M. laticollis Distant 1902 op. cit. 269.
- 6 **oblongus** N. India.
Mattiphus oblongus Dallas 1851 List 344.
Eusthenes do. Distant 1902 op. cit. 270, f. 170.
Pycanum pallipes Walker 1878 Cat. Het. III. 473.
- 7 **reflexus** Philippines.
Eusthenes reflexus Dallas 1851 l. c.

Origanaus.

- Distant 1893 A. M. N. H. (6) XI. 432; and 1902 Faun. Ind. Rh. I. 271 (type *humerosus*).
- 1 **humerosus** Assam.
Origanaus humerosus Distant 1893 A. M. N. H. (6) XI. 432;
 and 1902 Faun. Ind. Rh. I. 271, f. 171.

Asiarcha.

- Stål 1870 Svensk. Vet. Ak. Handl., 9. no. 1. pp. 70 a. 73 (type *nigridorsis*).
- 1 **nigridorsis** N. India; Assam.
Mattiphus nigridorsis Stål 1863 T. E. S. London 600.
Asiarcha do. Distant 1902 op. cit. 272, f. 172.

Eurypleura.

- Amyot et Serville 1843 Hém. 169 (type *bicornis*).
- 1 **bicornis** Java.
Tessaratomia bicornis Lepeletier et Serville 1828 Enc. Meth.
 X. 592.
Eurypleura do. Vollenhoven 1868 op. cit. 34.

Carpona.

- Carpona* Dohrn 1863 Stett. E. Z. XXIV. 351 (type *funesta*).
 || *Virbius* Stål 1864 Hem. Afr. I. 225 (type *imperialis*).
- 1 **amplicollis** N. India; Assam.
Pycanum amplicolle Stål 1863 T. E. S. London (3) I. 600.
Carpona amplicollis Distant 1902 Faun. Ind. Rh. I. 273, f. 173.

2 *amyoti*

Pycanum amyoti Vollenhoven 1866 Tijdschr. Ent. 219, Pl. 11. f. 7; and 1868 Faune ent. indo-néerl. III. 34, Pl. 3. f. 8.

Sumatra.

Carpona do. Stål 1870 Svensk. Vet. Ak. Handl. 9. no. 1. p. 74.

3 *angulata*

Pycanum angulatum Stål 1863 T. E. S. London (3) I. 601.
P. smaragdiferum Walker 1868 Cat. Het. III. 472.

Siam.

4 *funesta*

Carpona funesta Dohrn 1863 Stett. E. Z. XXIV. 351; Stål 1870 Svensk. Vet. Ak. Handl. 9. no. 1. p. 74.

Cambodia.

5 *imperialis*

Pycanum (?) *imperiale* Dohrn 1863 op. cit. 352.
Carpona imperialis Stål 1870 l. c.; and 1871 O. V. A. F. XXVII. 644.

Philippines.

6 *stabilis*

Pycanum stabile Walker 1868 Cat. Het. III. 472.
Carpona stabilis Distant 1902 op. cit. 274.

India.

Pycanum.

Pycanum Amyot et Serville 1843 Hém. 171 (type *amethystinum* = *rubens*).
Cyclopelta Spinola 1850 Mem. Soc. Ital. Modena XXV. 33 (not Am. et Serv.).

1 *ochraceum*

Pycanum ochraceum Distant 1893 A. M. N. H. (6) XI. 433;
and 1902 Faun. Ind. Rh. I. 275.

India; Assam; Burma.

2 *ponderosum*

Pycanum ponderosum Stål 1854 O. V. A. F. XI. 234; and 1856 op. cit. XIII. 63, Pl. 1a. f. 1; Distant 1902 l. c.
P. sanctifargavii Vollenhoven 1866 Tijdschr. Ent. (2) I. 218, Pl. 11. f. 6.

India; Assam; Tenasserim; Malay Pen.

3 *pretiosum* p. 3 & 2 (? I.)

Pycanum pretiosum Stål 1854 O. V. A. F. XI. 234; and 1856 op. cit. XIII. 64, Pl. 1a. f. 2; and 1871 op. cit. XXVII. 645.
P. rubidum Walker 1868 Cat. Het. III. 471.

Pulo Penang; Malacca. *P. J.*4 *alternatum* p. 3 & 2

Cimex rubens Fabricius 1794 Ent. Syst. IV. 107.
C. amethystinus Weber 1801 Obs. Ent. 115.
Tessaratomy alternata Lep. et Serv. 1828 Enc. Méth. X. 591.
Aspongopus amethystinus H-S. 1838 Wanz. IV. 85, f. 417.
Pycanum amethystinum Ellenrieder 1862 Nat. Tijdschr. Ned. Ind. XXIV. 161, Pl. 5. f. 28, Pl. 6. figs. 1, 4, 6—10.
P. rubens Vollenhoven 1863 op. cit. 32; Distant 1902 op. cit. 274, f. 174.

India; Tenasserim; Sumatra (with Bangka and Billiton Is.); Borneo; Java. *Palawan.*

§§ Ellenrieder l. c.

Foodplants: *Cyrtosiphonia sumatrana*; *Macropanax*; *Parkia*; Graminaceae; Mimosaceae; Papilionaceae.

Parasite: Acarid sp.

§§ Dohrn 1866 Stett. E. Z. XXVII. 331, Pl. IV. f. 12 etc. (as *Aspongobus amethystinus*).

Var. amethysta

Pseudopycanum.

|| *Oxylobus* Stål 1870 Svensk. Vet. Ak. Handl. 9. no. 1. pp. 70 a. 75 (type *nigromarginatum*).

Pseudopycanum Bergroth 1891 Rev. Ent. X. 214 (new name).

1 *nigromarginatum*

Pycanum nigromarginatum Stål 1863 T. E. S. London (3) I. 601.

Malacca.

Dalcantha servillei Vollenhoven 1866 Tijdschr. Ent. (2) I. 220,
Pl. 11. f. 9.

Oxylobus nigromarginatus Stål 1870 Svensk. Vet. Ak. Handl.
9. no. 1. p. 76.

2 westwoodii

Pycnanum westwoodii Vollenhoven 1866 op. cit. 217, Pl. 11.
f. 5; and 1868 Faune ent. indo-néerl. III. 33, Pl. 3. f. 7.

Sumatra.

Dalcantha.

Amyot et Serville 1843 Hém. 170 (type *dilatata*).

1 alata

Dalcantha alata Breddin 1904 Wien. E. Z. XXIII. 18.

Tonkin.

2 angularis

Dalcantha angularis Breddin op. cit. 18.

Sumatra.

3 dilatata

Dalcantha dilatata Amyot et Serville 1843 Hém. 171; Distant
1902 Faun. Ind. Rh. I. 276, f. 175.

India.

D. regia Walker 1868 Cat. Het. III. 474.

4 inermipes

Dalcantha inermipes Stål 1863 T. E. S. London (3) I. 599;
Distant 1902 Faun. Ind. Rh. 276.

N. India; Assam.

5 stålîi

Dalcantha stålîi Vollenhoven 1866 Tijdschr. Ent. (2) I. 220,
Pl. 11. f. 8; Distant l. c.

India.

Empysarus.

Empysarus J. Martin 1904 Bull. Mus. Paris 315 (type *depressus*).

Mussafira Oshanin 1907 Ann. Mus. Petersb. XII. 414 (type *johni* = *depressus*).

Empysarus Distant 1908 Faun. Ind. Rh. IV. 459 (laps. cal.).

1 depressus

Empysarus depressus Martin 1904 op. cit. 316.

Ceylon; S. India.

Mussafira johni Oshanin 1907 op. cit. 416.

Empysarus depressus Distant 1908 op. cit. 460, fig. 271.

E. johni Distant 1908 l. c., f. 272.

Ectmetocara.

Dalcantha Stål 1864 Hem. Afr. I. 230 (not Am. et Serv.).

|| *Candace* Stål 1870 Svensk. Vet. Ak. Handl. 9. no. 1. pp. 70 a. 76 (type *platygaster*).

Ectmetocara Bergroth 1891 Rev. Ent. X. 214; Schouteden 1905 Rhynch. Aeth. I.
230 (new name).

1 intermedia

Ectmetocara intermedia Schouteden 1905 op. cit. 233, figs.
96—98.

Ivory Coast.

2 platygaster

Pentatoma platygaster [Westwood] 1837 Cat. Hope I. 43.

"Guinea"; Sierra
Leone; Kongo.

Dalcantha platygaster Stål 1864 Hem. Afr. I. 230.

Ectmetocara do. Schouteden 1905 op. cit. 231, f. 95.

3 virescens

Ectmetocara virescens Distant 1903 A. M. N. H. (7) XII. 470;
Schouteden 1905 op. cit. 233, figs. 99—100.

Nigeria; Kongo.

Megaedoeum.

Megaedoeum Karsch 1895 Ent. Nachr. XXI. 267; Bergroth 1904 Wien. E. Z. XXIII.
38 (type *verruculatum*).

Megaedoeum Schouteden 1905 op. cit. 234.

Kameruns; Calabar.

1 karschi

Megaedoeum karschi Schouteden 1905 op. cit. 236, f. 106.

2 **obliquum**

Kameruns.

Megaedoeum obliquum Bergroth 1904 op. cit. 39, fig. —
Megaedoeum do. Schouteden 1905 l. c., Pl. 5. f. 11, textfigs.
 107—8.

3 **verruculatum**

Togoland; Kameruns.

Megaedoeum verruculatum Karsch 1895 op. cit. 268; Bergroth
 1904 op. cit. 40, fig.
Megaedoeum do. Schouteden 1905 op. cit. 235, fig. 101—5.

Tribe 4.

Notopomini.

A monotypic tribe, from the Indomalayan.

Notopomus.Montandon 1894 A. S. E. Belg. XXXVIII. 641 (type *isidorei*).1 **isidorei**

Pulo Penang.

Notopomus isidorei Montandon op. cit. 642.

Tribe 5.

Prionogastrini.

A monotypic, Ethiopian, tribe.

Prionogaster.

Stål 1853 O. V. A. F. X. 224; and Hem. Afr. I. 231; Schouteden 1905 Rhynch.
 Aeth. I. 238 (type *westwoodi* = *serratus*).

1 **serratus**

Cape Colony; Natal

Amaurus serratus Germar 1837 Silb. Rev. Ent. V. 158; H-S.
 1844 Wanz. VII. 75, f. 748.

Prionogaster westwoodi Stål 1853 O. V. A. F. X. 224.

P. serratus Stål 1864 Hem. Afr. I. 231; Schouteden 1905
 op. cit. 238; Pl. 5. f. 12, and textfigs. 109—10.

Tribe 6.

Pantochlorini.

Monotypical Central American.

Pantochlora.Stål 1870 Svensk. Vet. Ak. Handl. 9. no. 1. p. 64 (type *vivida*).1 **vivida**

Mexico; Guatemala.

Pantochlora vivida Stål 1870 op. cit. 65; Distant 1881 Biol.
 C. Amer. Het. I., Pl. VIII. f. 7. *v. vivida*

Tribe 7.

Aplosternini.(= *Natalicolaria*).**Natalicola.**

|| *Cyclogaster* Westwood 1836 T. E. S. London II. 20; Stål 1864 Hem. Afr. I. 233
 (type *pallidus*).

*Natalicola*¹⁾ Spinola 1850 Mem. Soc. Ital. Modena XXV. 70; Schouteden 1905
 Rhynch. Aeth. I. 240 (type *delegorguei*).

Gonielytrum Stål 1853 O. V. A. F. X. 223 (type *circuliventris* = *delegorguei*).

¹⁾ I have grave doubts as to whether this genus is described in a valid manner.

1 **delegorguei**

Natalicola delegorguei Spinola 1850 op. cit. 70; Schouteden 1905 op. cit. 241, Pl. V. f. 5, textfigs. 111—13.
Gonielytrum circuliventre Stål 1853 O. V. A. F. X. 223.
Cyclogaster pallidus Stål 1864 Hem. Afr. I. 233 (not Westw.)

Kongo; Nyasaland;
 Togoland; German
 East Africa; Natal;
 Transvaal; Cape
 Colony.

2 **pallidus**

Cyclogaster pallidus Westwood 1836 op. cit. 21, Pl. 2. f. 6.
Natalicola do. Schouteden 1905 op. cit. 243.

Gambia; "Guinea";
 Cape Colony.

Garceus.

Distant 1893 A. M. N. H. (6) XI. 434 (type *fidelis*).

1 **fidelis**

Garceus fidelis Distant 1893 op. cit. 435.

Queensland.

Cyclogastridea.

Reuter 1882 Oefv. Finsk. Vet. Soc. XXV. 9; Schouteden 1905 op. cit. 244 (type *nigromarginalis*).

1 **nigromarginalis**

Cyclogastridea nigromarginalis Reuter 1882 op. cit. 10;
 Schouteden 1905 op. cit. 245, Pl. V. f. 10, textfigs.
 114—15.

"Guinea"; Ashanti;
 Kameruns.

§ Schouteden op. cit. 275 (n.).

Aplosterna.

Aplosterna [Westwood] 1837 Cat. Hope I. 26; Montandon 1894 A. S. E. Belg. XXXVIII. 643 (type *virescens*).

Liphaemus Stål 1872 Svensk. Vet. Ak. Handl. 10. no. 4. p. 130; Montandon 1894 A. S. E. Belg. XXXVIII. 645 (type *exsanguis* = *virescens*).

Haplosterna Schouteden 1905 op. cit. 246.

Hoplosterna Schouteden 1905 op. cit. 240.

1 **virescens**

Aplosterna virescens [Westwood] 1837 op. cit. 27.

Cyclogaster exsanguis Stål 1872 l. c.

Cyclogastridea equatoria Distant 1890 C. R. S. E. Belg. p. LVII, f. 116—17.

Haplosterna virescens Schouteden 1905 op. cit. 247, figs. 116—17.

Gambia; Senegal;
 Kongo; [Brazil in
 error].

Selenymenum.

Montandon 1894 A. S. E. Belg. XXXVIII. 645; Schouteden 1905 op. cit. 249 (type *piriforme*).

1 **contractum**

Selenymenum contractum Montandon 1894 op. cit. 648; Schouteden 1905 op. cit. 251, Pl. 5. f. 9; textfig. 119.

Kongo.

2 **piriforme**

Selenymenum piriforme Montandon l. c. 647.

S. pyriforme Schouteden op. cit. 249, f. 118.

Sierra Leone.

Encosternum.

Encosternum Spinola 1850 op. cit. 32 a. 67; Montandon 1894 A. S. E. Belg. XXXVIII. 643; Schouteden 1905 op. cit. 252 (type *delegorguei*).

Lamus Stål 1853 O. V. A. T. X. 222 (type *dallasi* = *delegorguei*).

Haplosterna Stål 1864 Hem. Afr. I. 226 a. 232 (not Westwood).

Cape Colony.

1 **delegorguei**

Encosternum delegorguei Spinola 1850 op. cit. 69; Schouteden 1905 op. cit. 252, Pl. 5. f. 7; textfigs. 120—21.

Lamus dallasi Stål 1853 O. V. A. F. X. 222.

Haplosterna delegorguei Stål 1864 Hem. Afr. I. 232.

Enada.Walker 1868 Cat. Het. III. 485 (type *rosea*).1 **rosea***Enada rosea* Walker 1868 l. c.

— ?

Malabama.Distant 1898 A. M. N. H. (7) II. 309; Schouteden 1905 op. cit. 254 (type *aethiops*).1 **aethiops***Malabama aethiops* Distant 1898 l. c.; Schouteden 1905 l. c.

Mashonaland.

Tribe 8.

Sepinini.

Confined to Madagascar.

Malgassus.Horváth 1900 Termész. füzet. XXIII. 367; Schouteden 1905 Rhynch. Aeth. I. 256 (type *hypoleucus*).1 **exiguus***Malgassus exiguus* Horváth 1904 Ann. Mus. Hung. II. 269;
Schouteden 1905 op. cit. 258, figs. 122—23.

Madagascar.

2 **hypoleucus***Malgassus hypoleucus* Horváth 1900 Termész. füzet. XXIII.
368; Schouteden 1905 op. cit. 257.

Madagascar.

Sepina.Signoret 1861 A. S. E. France (3) VIII. 930; Stål 1864 Hem. Afr. I. 226;
Horváth 1900 Termész. füzet. XXIII. 369; Schouteden 1905 Rhynch. Aeth.
I. 261 (type *urolaboides*).1 **flaviceps***Sepina flaviceps* Horváth 1900 op. cit. 370; Schouteden 1905
op. cit. 264, f. 126.

Madagascar.

2 **gularis***Sepina gularis* Horváth 1900 op. cit. 370 a. 371; Schouteden
1905 op. cit. 265.

Madagascar.

3 **urolaboides***Sepina urolaboides* Signoret 1861 l. c., Pl. 13. f. 4.
S. urolaboides Stål 1864 l. c.; Horváth 1900 op. cit. 371;
Schouteden 1905 op. cit. 262, figs. 124—25.

Madagascar.

4 **conjungens***Sepina conjungens* Bergroth 1906 A. S. E. Belg. L. 197.

Somoro Is.

Rhynchotmetus.Horváth 1900 op. cit. 367 a. 369; Schouteden 1905 op. cit. 259 (type *typicus*).1 **typicus***Rhynchotmetus typicus* Horváth 1900 op. cit. 369; Schou-
teden 1905 op. cit. 260.

Madagascar.

Pisena.Horváth 1900 op. cit. 367 a. 372; Schouteden 1905 op. cit. 266 (type *longirostris*).1 **aberrans***Pisena aberrans* Schouteden 1905 op. cit. 270.

Madagascar.

2 **horvathi***Pisena horvathi* Schouteden 1905 op. cit. 268, figs. 128—29.

Madagascar.

3 **longirostris***Pisena longirostris* Horváth 1900 op. cit. 373; Schouteden
1905 op. cit. 267, f. 125.

Madagascar.

Tribe 9.

Platyatini.

Another monotypic tribe, from Madagascar.

Platyatus.Bergroth 1892 Ent. Mo. Mag. (2) III. 158; Schouteden 1905 op. cit. 271 (type *ambiguus*).1 **ambiguus**

Madagascar.

Platyatus ambiguus Bergroth 1892 op. cit. 159; Horváth 1900 op. cit. 374; Schouteden 1905 op. cit. 272, figs. 130—32.

Tribe 10.

Delocephalini.

Monotypical, Ethiopian and Mascarene.

Delocephalus.Distant 1881 T. E. S. London 105; Schouteden 1905 Rhynch. Aeth. I. 210 (type *miniatus*).1 **congo**

Kongo.

Delocephalus congo Schouteden 1905 op. cit. 212, figs. 63—64.2 **miniatus**

Madagascar.

Delocephalus miniatus Distant 1881 op. cit. 106, Pl. 3. f. 3; Schouteden 1905 op. cit. 211, figs. 60—62.

Tribe 11.

Eumenotini.**Eumenotes** Westwood*).*Eumenotes* Westwood 1844 P. E. S. London p. CXV; and 1847 T. E. S. London IV. 246; Distant 1903 Faun. Ind. II. 155; Bergroth 1907 Deutsch. E. Z. 500 (type *obscura*).*Odonia* Bergroth 1889 Ann. Mus. Genova XXVII. 733 (type *truncata* = *obscura*).1 **insularis**

Sangir Is.

Eumenotes insularis Distant 1906 A. S. E. Belg. L. 417.2 **obscura***Eumenotes obscura* Westwood 1844 P. E. S. London p. CXV; and 1847 T. E. S. London IV. 247, Pl. XVIII. f. 4; Distant 1903 ~~l. c.~~, f. 114. *F. B. I. Rh.* 2,

N. India; Burma; Malay Pen.; Sumatra; Borneo; Java; Celebes; Jilolo; Engano.

Aradus truncatus Walker 1873 Cat. Het. VII. 39.*Odonia truncata* Bergroth 1889 l. c., Pl. XII. f. 4.

Genus of uncertain position in Tessaratominae.

Aurungabada.Distant 1906 A. S. E. Belg. L. 408; and 1908 Faun. Ind. Rh. IV. 458 (type *singularis*).1 **singularis**

India.

Aurungabada singularis Distant 1906 A. S. E. Belg. L. 408; and 1908 Faun. cit. 459, f. 270.

*) Included by Distant and others in the Aradidae.

Additions and Corrections.

The MSS. of this volume were sent for publication before I had been able to consult the "Zoological Record" for 1906, which did not reach Hawaii till well on in 1908; consequently, to bring them up to date, I have had to add several forms described and notes made in 1908 and 1909, as well as some in 1906 and 1907; these four years have been especially productive in papers and books dealing with Cimicidae, in particular from the pens of Bergroth, Breddin, Distant, Horváth and Schouteden. I have also added many earlier references to food-plants, (or as it is safer to term them — "host-plants"), which I have unearthed from papers previously inaccessible to me, as well as some other references that I had decided to omit when compiling the MSS. In this connection, I have to thank Mr. Dames for his care in tracing up separata for me, many rare contributions, and also the United States Bureau of Agriculture, through Dr. Howard, for the loan of some rare works which I do not possess.

This volume is now brought up to date with the "Zoological Record" for 1907 (the latest that has arrived in Honolulu at date of writing, Nov. 3rd 1909); I have of course added all the new genera and species known to me as having been described during 1908 and 1909.

While writing this, I have received Schouteden's Catalogue of the Hemiptera of the Belgian Congo, (Ann. Mus. Congo, Hém. sér. 2), which has such an unwieldy referential title, that I allude to it here as "Cat.". I have included the new forms, but fresh localities, descriptions and figures must be sought for in the work itself. The same remarks apply to Distant's "Rhynchota vol. IV", in the "Fauna of India" series.

After proofs had been passed of almost all this work, I received Bergroth's supplement to the first volume of "Lethierry and Severin's Catalogue des Hémiptères", in the Mém. Soc. Ent. Belg. XV. 131—200 (1908). The changes in location of many genera and species are noted here, but the so-called "emendations" of names have been ignored, and must be looked for in the paper itself.

For convenience, these "Addenda and Errata" are divided into several sections:

- (a) Further notes on Classification.
- (b) Printer's and other minor errors.
- (c) Additional genera and subgenera.
- (d) Additional species and varieties.
- (e) Additional systematic notes.
- (f) Additional biologic references.
- (g) Additional host-plants.
- (h) Additional localities.

At the close, will be found a list of the new genera and species, or new names, proposed in this volume, followed by general and generic Indexes. The specific Index will be issued with vol. II, to avoid delay.

(a) Further notes on Classification.

Owing to my not having seen specimens of any Phloeine at the time that I prepared the table of subfamilies, I made a serious mistake therein, and take this opportunity to offer a fresh table which I think expresses more correctly their

phylogenetic relationships. After two years' further work, I think also that my developmental tree will not stand, as the Scutellerine series, which has, very often, a wing-hamulus, can not have descended from the Cimicine series, which has either no hamulus or else an extremely rudimentary one. The Cimicinae are a development of the Pentatominae, rather than the reverse, as I will show in detail in my "Introduction to the Natural History of the Hemiptera", which is now in active preparation. I am not sure that I am right in isolating the Tessaratominae, some of the forms of which are very peculiar. I ought to add that many of the characters used now were discovered by Stål, but were never used by him in his tables.

- 1 (16) Spiracles of 2nd urosternite at least partly (and nearly always totally) hidden by the metapleura.
 - 2 (9) Primary and subtended veins of the lower wings straight and subparallel for at least half the length of the wing; [hamus absent, or very rudimentary; antennae with 4—5 segments]. (*Cimicine series*).
 - 3 (8) Primary and subtended veins of lower wing contiguous for at least half the length of the wing, sharply diverging just after that.
 - 4 (7) First segment of Labium not free, lodged for almost, or quite, its entire length, in a groove formed by the bucculae, which are more or less parallel and are not united posteriorly.
 - 5 (6) Labium more or less elongate, first segment extending beyond the bucculae
Pentatominae.
 - 6 (5) Labium scarcely extending beyond the fore coxae, first segment not extending beyond the bucculae **Phyllocephalinae.**
 - 7 (4) Labium free; bucculae very small, uniting posteriorly, converging more or less thereto **Cimicinae.**
 - 8 (3) Primary and subtended veins of the lower wing more remote than in "3", including a narrow area which converges a little apically . . . **Binidorinae.**
 - 9 (2) Primary vein of the lower wing straight for half the length of the wing; subtended vein not parallel with it; [first segment of labium nearly as in Pentatominae].
 - 10 (11) Antennae composed of 3 segments; entire body strongly explanate laterally; scutellum medium-sized; [tarsi 3 segmentate; hamus present]. (*Phloeine series*) **Phloeinae.**
 - 11 (10) Antennae composed of 4—5 segments; body not strongly explanate laterally; scutellum very large (*Scutellerine series*).
 - 12 (15) Tegmina not folded; lower wings not incised deeply at the anal fold; hamus present.
 - 13 (14) Primary and subtended veins of the lower wings remote, inclosing a somewhat wide area, which does not converge regularly apically; tarsi 3 segmentate **Scutellerinae.**
 - 14 (13) Primary and subtended veins of lower wings somewhat remote, inclosing an elongate area, widened at the base, narrowed at the apex; tarsi 2 segmentate **Cyrtocorinae.**
 - 15 (12) Tegmina folded in at base of membrane; lower wings deeply incised at the anal fold; hamus absent; [tarsi 2 segmentate]. **Coptosominae.**
 - 16 (1) Spiracles of the 2nd urosternite not hidden at all by the metapleura; [scutellum medium-sized; hamus present in some, absent in others; tarsi 2—3 segmentate]. (*Tessaratomine series*) **Tessaratominae.**
- NB. The *Aphylinae* are not included here, as the wing-venation is not known.

I do not propose to furnish a revised table of the Heteropterous families, but I wish to add a few words on the constitution of the Trochalopoda. This section forms firstly two groups, (1) that in which the metapleura are laminate posteriorly, and (2) that in which they are not (**Nepoideae**). The first group embraces two superfamilies as follows:

1. **Cimicoideae** — with the head carinate laterally between the clypeus and the antennal insertion; *Cimicidae*, *Thyreocoridae* and *Urolabididae*.
2. **Coreoideae** — with the head not carinate laterally; *Aradidae*, *Coreidae*, *Pyrrhocoridae* and *Myodochidae*. The *Tingididae* may form a third superfamily, but I reserve them for further consideration.

In the table, on p. XXII, I placed the Urolabididae with the Coreidae rather than the Cimicidae, but although the lateral keel on the head is very short and not very distinct, it is there and the venation etc. place the family among the Cimicoideae (restr.). Reuter is certainly correct in declining to admit it as a subfamily of the Cimicidae.

The Cimicoideae may then be separated into families as follows:

- 1 (4) Lateral keels of head well defined; radial and median veins of tegmen subcontiguous for half their length.
- 2 (3) Six urotergites clearly visible; tibiae not spiny . 1. **Cimicidae** (vol. I).
- 3 (2) Only five urotergites clearly visible; tibiae spiny . 2. **Thyreocoridae** (vol. II).
- 4 (1) Lateral keels of head indistinct, very short; radial and median veins of tegmen diverging from the base 3. **Urolabididae** (vol. II).

I will also add here that my friend Bueno is certainly correct in separating the Hydrometridae and Naeogoeidae as distinct families, from the Gerrididae, though I do not agree with him that the Hydrometridae are allied to the Reduviidae; I will deal with these questions, however, in their proper places.

(b) Printer's and other minor errors.

- p. 3, line 16, for "white" read "while".
 10, line 26, for "*Afrius*" read "*Cimex*".
 13, for "*plepeja*" read "*plebeja*"; and for "*rubustus*" read "*robustus*".
 22, for "*luridus*" read "*lurida*".
 23, line 17, for "*Gal-*" read "*Gat-*".
 24, for "*malabaricus*" read "*-ca*".
 25, for "*Hoploxus*" read "*-xys*".
 27, footnote, line 1, put a ";" after "type".
 30, delete "||" before "*Stictonotium*".
 32, for "*decastigma*" read "*-mus*".
 50, for "*pretoria*" read "*praet-*".
 51, line 17, from bottom, for "18?" read "1889".
 53, line 4, for "*Liodermia*" read "*-rma*"; and line 12 from bottom, for "9" read "8".
 54, for "*abies*" read "*Ab-*".
 55, after "*signoreti*" insert "Jakovlev".
 61, line 17, for "op. cit." read "B. C. A. Het. I".
 63, line 3 of *Euschistus* for "*apicalis* = *heros*" read "*tristigmus*".
 81, line 12, Hahn used "*Eys-*"; Fieber "*Eus-*".
 82, delete "Pseudostollia" and its details.
 82, in footnote, insert "been" between "not" and "able".
 85, *pustulatus*, read "*Eysarcoris*".
 93, "*hyprocrita*" should be "*hypocrita*" all through.
 104, line 9 from bottom, "Breddin . . . 22" should be placed after "var." on the next line.
 113, line 2 from bottom, after "*C-*" insert "*incarnatus* var." as regards Lethierry et Severin.
 115, line 15, Stål used "*camatula*", Van Duzee "*-lus*".
 116, "*P. lata*", delete "scarcely described".
 119, line 41, for "In." read "Ins."
 121, line 3 from bottom, for "VIII" read "7".
 124, line 32, Van Duzee uses "*brunneip-*".
 125, footnote, add: "although Stål states that it is scarcely typical".
 128, line 22—24, read "§§ Kershaw and Kirkaldy 1909 J. Bombay N. H. S. p. 177, P. B. (o—a) [as "*anchorago*"!] Foodplant: "*Pavetta indica*".
 129, line 18, for "*javana*" read "*hilaris*".
 130, line 16, for "*Fracimus*" read "*Fracinus*"; line 38, for "209" read "208".
 135, for "*Brachycorus*" read "*-ris*".
 136, line no. 7, line 6, after "*Piezodorus*" read "*do-*"; footnote, for "at" read "as".
 138, all Westwood's species of *Rhaphigaster* are spelt without the first "h".
 139, after "Murua" read ";"; in "*Bathycœlia* no. 3", the locality should read "Belgian Kongo".

- 142, *Cuspicona*: Stål in 1870 (i. e. 1871) spelt it "*Cuspicona*".
 142, line 11 and 145, line 9, for "5" read "1596".
 143, line 8, for "*Cuspincona*" read "*Cuspicona*".
 145, footnote, line 2, omit the final "s" in "Queenslands" and place a "," instead of a ";" after "Huégénée" (not "-nce").
 147, *Amyntor* was published Sept., *Bolaca* in Oct.
 170, line 12, for "1875" read "1876".
 172, line 16 from bottom, for "Buller" read "Butler".
 180, lines 6 and 9, Mayr's date is 1864; lines 1—5 from bottom, *Pseudostollia* has crept in by error; it should be deleted.
 206, the type of *Ennius* is **longulus**, not **ater**.
 207, line 4, for "*lutulentus*" read "*lutulentus*".
 220, line 15, for "same type" read "maculatus".
 222, line 4, add: "also p. 47 (1906)".
 223, *Graphosoma*, line 3, for "(type *lineata*)" read "(type *nigrolineata* = *italica*)".
 241, "*lapidaris*" should read "*-rius*".
 242, no. 87, after "*grisea*", add: "(not Linné)".
 251, Perez's reference should be removed under *P. longirostris*.
 255, The african record for *vicarius* should doubtless be expunged.
 257, prolixus; for "282" read "283".
 260, for "*Urasa*" read "*Urusa*".
 266, line 7, for "Э" read "3".
 267, for "Тр. Харь. . . ." (line 9 from bottom), read "Тр. Естеств. Харьк. ЧИИВ", and the same for "Trud. Univ. Kharkow", on p. 270. (1871 here should be 1871).
 278, the type of *Tiridates* is **flavocinctus**.
 280, the type of *Symphylus* is **obtusus**.
 288, the type of *Camirus* is **conicus**.
 298, lines 3 and 4, for "1839" read "1840".
 304, The "*Tectocoris* subg." should precede "*Poecilochroma* White", not "Stål".
 311, line 4, for "340" read "339".
 318, "*andamensis*" on both lines should read "*andamanensis*".
Ceratocoris, ref., for "90" read "84".
 320, line 4 from bottom, for "*caenosus*" read "*coenosus*".
 321, line 2, for "*Cantharodes*" read "*Plataspis*".
 321, line 5, for "*Captosoma*" read "*Copt-*".
 326, line 10 from bottom, add "p." after "France".
 327, line 17, add "16" after "cit.".
 331, line 4 from bottom, for "*duodec-*" read "*duoded-*".
 332 et seqq.; several of Montandon's varieties have been incorrectly cited as he wrote them (i. e. in neuter).
 360, for "Oomoro Is." read "Com-".
 361, *Eumenotes obscura* Distant 1903, for "l. c." read "Faun. Ind. Rh. II".

(c) Additional genera and subgenera.

- p. 9, *Hemallia* Bergroth 1908 Mém. S. E. Belg. XV. 182 (new name for *Allia*).
 11, to *Platynopus*, add: *Platypus* Marshall 1863 Ent. Mo. Mag. IV. 281 ("emend.").
 26, *Martinina* Schouteden 1907 A. S. E. Belg. LI. 76 (new name for *Martinia*).
 45, *Lagynotomus* Breddin 1906 Wien. E. Z. XXV. 245 (type *Niphe assimulans* 45).
 46, *Boerias* subg. nov. = *Tropicorypha* Stål *a* and *aac* (1876), type *victorina*.
 59, *Mormoschema* Breddin 1909 A. S. E. Belg. LIII. 269 (type *immaculatum*).
 87, *Philista* Jakovlev 1905 Русск. Эн. Обозр. V. 115 (type *phalerata*).
 Awemba Distant 1908 A. M. N. H. (8) II. 438 (type *typica*¹⁾).
 128, *Myeterizon* Breddin 1909 A. S. E. Belg. LIII. 279 (type *bellus* 137).
 130, *Phavarius* Distant 1902 Faun. Ind. Rh. I. 235 (type *afflictus*).
 137, *Pausias* Jakovlev 1905 Русск. Эн. Обозр. V. 142 (type *Piezodorus martinii*).

¹⁾ *fusca* is compared to **typica**.

- p. 182, *Caridillus* Bergroth 1909 Deutsch. E. Z. 330 (type *curtus*).
 184, *Typhlococoris* Breddin 1903 Soc. Ent. XVIII. 122 (type *fulvifemur*).
 195, *Tinganina* Bergroth 1909 Deutsch. E. Z. 328 (type *dimorpha*).
 196, *Nesagaenus* Bergroth 1906 A. S. E. Belg. L. 260 (type *hamulatus*).
 199, *Paranevisanus* Distant 1908 Faun. Ind. Rh. IV. 435 (type *subgenericus*).
 237, *Moffartsia* Schouteden 1909 Cat. 38 (type *delhaizei*).
Burrus Distant 1908 Faun. Ind. Rh. IV. 425 (type *spicatus*).
 268, *Euptychodera* Bergroth 1908 Mém. S. E. Belg. XV. 143 (new name for
 || *Ptychodera*).
 233, *Orsilochides* subg. nov. of *Chelysoma* (type *diversus*), on account of the
 structure of the antennae, and the very distinct anterior impression to the
 scutellum.
 357, *Sanganus* (near *Pseudopycanum*) Distant 1909 T. E. S. London 389 (type
jenseni).

(d) Additional species, varieties, etc.

- p. 8, *Oplomus ventralis* Dallas 1851 List 86; Distant 1860 B. Mexico.
 C. A. Het. I, Pl. 3 f. 18.
 13, *Cantheconidae ornatus* Distant (*Canthecona*) 1908 Faun. N. India.
 Ind. Rh. IV. 451.
C. humeralis Distant (*Canthecona*) 1908 op. cit. 452. Tenasserim.
 18, *Apateticus bergi* [= no. 6 a]. Paraguay.
 = *Podisus bergi* Breddin 1908 Wien. E. Z. XXVII. 68.
 24, *Amyotea micans* Distant (*Asopus*) 1888 T. E. S. London Papua.
 476, Pl. 13. f. 6.
A. reciproca Walker (*Strachia*) 1867 Cat. Het. II. 340. Papua.
 = *S. megaspila* Walker 1867 op. cit. 341.
 = *Asopus bernsteinii* Vollenhoven 1863 Faune indo-néerl.
 III. 14, Pl. 2. f. 6.
 25, *Oechalia kaonohi* Kirkaldy 1909 P. Haw. Ent. Soc. II. Hawaiian Is.
 83, Pl. 2. f. 1, and textf. b (on *Saccharum officinarum*; carnivorous).
 41, *Anarropa basalis* Schouteden 1908 A. S. E. Belg. LII. 371. Belg. Kongo.
 51, *Tolumnia horni* Breddin 1909 A. S. E. Belg. LIII. 269. Ceylon.
Palomena amurensis Reuter 1908 Ежес. Зоол. Муз. Amuria.
 Петерб. XII. 544.
P. limbata Jakovlev 1904 Hor. S. E. Ross. XXXVII. 71 Dongaria.
 (with table of 4 palaearctic species).
 54, *Rhytidolomia pinicola* var. (b) *porphyrea*.
 = *Pentatoma porphyrea* Fieber 1864 Wien. E. Mon. VIII. 333.
 57, *Carpocoris kirgisicus* Jakovlev 1905 Русск. Знт. Обозр. Kirghisia.
 V. 99 a. 100.
C. laticollis Jakovlev 1905 op. cit. 101. Transbaikal.
C. remotus Horváth 1907 Ann. Mus. Hung. V. 296 (and Colorado; Montana;
 delete the American references to *C. lunulatus*). N. Dakota; Utah;
 California.
 70, *Lerida incerta* Schouteden 1908 A. S. E. Belg. LII. 372; B. Kongo.
 and 1909 Cat. 50, Pl. 2. f. 6.
 71, *Caura bipartita* var. (b) *distincta* Schouteden 1908 A. S. E. Belg. LIII. 372; and 1909 Cat. 48.
C. leggei Distant 1908 (Nov.) A. M. N. H. 3 (II) 437. B. C. Africa; Uganda;
 = *C. pulcherima* Schouteden 1908 (Dec. 31) A. E. Belg. Belg.-Kongo.
 LII. 372; and 1909 Cat. 49, Pl. 2. f. 18.
 77, *Aeschrocoris fumosus* Distant 1908 Faun. Ind. Rh. IV. 439. India.
 81, *Seponia australis* Schouteden 1906 A. S. E. Belg. L. 142. Queensland.
 84, *Eysarcoris annamita* (Eus-) Breddin 1909 A. S. E. Belg. Annam.
 LIII. f. 11 (not descr.).
E. distinctus Schouteden 1906 A. S. E. Belg. LII. 142. Queensland.
E. fallax (Eus-) Breddin 1909 op. cit., f. 11 (not descr.). Annam.

84. *E. horni* (*Eus-*) Breddin 1909 op. cit. 271. Ceylon.
E. malayanus Breddin 1909 op. cit., f. 14 (not descr.). Malacca.
E. modestus (*Eusarcocoris*) Distant 1906 A. S. E. Belg. Ceylon.
 Belg. L. 406; and 1908 Faun. Ind. Rh. IV. 439.
E. porrectus (*Eus-*) Breddin 1907 Wien. E. Z. XXVI. N. India.
 93; Distant (*Eusarcocoris*) 1908 op. cit. 440.
E. swierstrae (*Eusarcocoris*) Distant 1906 A. M. N. H. Transvaal.
 (7) XVIII. 286.
E. taprobanensis (*Eus-*) Breddin 1909 A. S. E. Belg. Ceylon.
 LIII. 273, f. 9.
Hermolaus latiusculus Breddin 1909 A. S. E. Belg. LIII. 272. Ceylon.
 87, *Philista phalerata* Jakovlev 1905 Русск. Энт. Обозр. E. Bucharia.
 V. 116.
Awemba fusca Distant 1908 A. M. N. H. (8) II. 439. B. C. Africa.
A. typica Distant 1908 l. c. B. C. Africa.
Carbula aspavia Distant 1908 Faun. Ind. Rh. IV. 440. India.
 88, *C. damalis* nom. nov. = || *decora*.
 89, *C. bicolor* Distant 1908 A. M. N. H. (8) II. 437. Uganda.
 96, *Chlorocoris nigricornis* Schmidt 1907 Stett. E. Z. 106. Perú.
 98, *Agonoscelis haroldi* Bergroth 1908 Русск. Энт. Обозр. S. Abyssinia.
 for 1907, p. 106.
 101, *Eurydema liturifera* vars.
 (b) *hypomelaena* (*hypomelan*) Breddin 1907 Wien. E. Z. XXVI. 94.
 (c) *hypopoeila* (*-lum*) Breddin 1907 l. c.
 103, *E. ornata* var. *gorskiana* nov. = || *falleni*.
E. syriaca nom. nov. = || *placens*.
E. rotundicollis var. (b) *berthae* Royer 1909 B. S. E. France 198, textf.
 106, *Murgantia stenozgoides* Breddin 1901 Soc. Ent. XVI. 138. Guatemala.
 = *M. stenozgoides* Bergroth 1908 ("emend.").
 107, *Parastrachia nagaensis* Distant 1908 Faun. cit. IV. 443, Assam.
 f. 266.
 110, *Arocera capitata* Breddin 1901 Soc. Ent. XVI. 138. Bolivia.
A. fasciativentris Breddin 1901 l. c. Brazil.
 111, *Alcimocoris marapokensis* Distant 1909 T. E. S. London Borneo.
 386, Pl. 10. f. 3.
 112, *Stachyomia thamada* Distant 1908 Faun. Ind. Rh. IV. Burma.
 441, f. 265.
 114, *Catacanthus horni* Breddin 1909 A. S. E. Belg. LIII. Ceylon.
 276, f. 16.
 119, *Chalcocoris rutilus* Karsch 1895 Ent. Nachr. XXI. 274. Nyasaland.
 120, *Nezara conspersa* Schouteden 1908 A. S. E. Belg. LII. Belg. Kongo.
 373; and 1909 Cat. 59.
N. klugi Schouteden 1908 A. S. E. Belg. LII. 373; and Mozambique.
 1909 Cat. 59.
N. fuscopunctata Breddin 1901 Soc. Ent. XVI. 123. Brazil.
N. nigridorsata Breddin 1901 l. c. Brazil.
 [these 4 species all apparently belong to the subg. *Acrosternum*.]
 124, *Plautia minor* Breddin 1909 A. S. E. Belg. LIII. 277, f. 17. Ceylon.
 126, *Glaucias ignota* Schouteden (*Zangis*) 1906 A. S. E. Belg. Papua.
 L. 141.
G. stáli Schouteden (*Zangis*) 1906 op. cit. 140. Queensland.
 130, *Antestia plautoides* Breddin 1909 A. S. E. Belg. LIII. Ceylon.
 278, f. 18.
A. trivialis Stål 1876 Svensk. Vet. Ak. Handl. 14 (4) 96. Zanzibar.
A. atosignata Distant 1906 A. M. N. H. (7) XVIII. 287. S. Africa.
Phavorinus afflicus Walker (*Strachia afflicta*) 1867 Cat. India.
 Het. II. 332; Distant 1902 Faun. Ind. Rh. I. 236, f. 150.

- p. 131, *Menida bengalensis* var. (b) **dilutior** Breddin 1909 A. S. E. Belg. LIII. 280.
- 131, *M. ceylanica* Breddin 1909 op. cit. 280, f. 19. Ceylon.
- 132, *M. labeccula* var. (b) **simplificata** Breddin 1909 op. cit. 281.
- 131, *M. cingaleusis* Distant 1906 A. S. E. Belg. L. 407; Ceylon.
and 1908 Faun. Ind. Rh. IV. 445.
- (132) *M. javana* Breddin 1909 op. cit. 280, f. 21. Java.
- 133, *M. ornata* Kirkaldy 1909 A. S. E. Belg. LIII. 166. Yun-nan.
- 133, *M. pundaluoyae* Distant 1908 A. S. E. Belg. Faun. Ind. Ceylon.
Rh. IV. 444.
- 133, *M. wellawayae* Distant 1906 A. S. E. Belg. L. 407; Ceylon.
and 1908 Faun. cit. 445.
- 143, *Rhynchocoris bicolor* Distant 1909 T. E. S. London 388, Borneo.
Pl. 10. f. 4.
- 144, *Vitellus insulivagus* nom. nov. = *|| australis*.
- 148, *Pentatoma leliiformis* nov. sp.
♀ Pale brownish yellow, very closely punctured with black above, sparingly so below. Antennae pale rufescent. Abdomen above black, uropleurites yellow, very closely punctured with black on the apical and basal thirds of each segment.
Length 14 mill., breadth across shoulders 9½ mill.
Hab: Yun-nan Tali.
This species has puzzled me considerably. It has the general form of *Lelia octopunctata*, but the metasternum is not carinate, the lateral margins of the pronotum are rather feebly serrulate, the abdomen has no keel, the basal spine, though acuminate, does not pass the hind coxae, the head, though rounded, is broader apically, and the pronotal angles are more obtuse. *P. leliiformis* may be distinguished from those of its congeners that resemble it in colouring, by the breadth of the head apically, the somewhat deflexed tylus, the distant juga, the blunt anterior angles of the pronotum and the form of the lateral angles, etc.
- 149, *Prionocompastes sellula* (*Diceraeus*) Vollenhoven 1867 Java.
Versl. Ak. Wet. Amst. (2) II. 179; Schouteden 1908 Notes Leyden Mus. XXX. 39.
- 149, *Placosternum bos* Distant 1906 A. S. E. Belg. L. 406; and 1908 Faun. Ind. Rh. IV. 444.
- 167, *Edessa*: the following species have been added by Breddin 1907 SB. Ges. Nat. Fr. Berlin; **claricolor** (334) Brazil; **confusionata** (345) Mexico; **dolosa** (336) Ecuador; **eburata** (333) Costa Rica; Dutch Guiana; **incomis** (343) Ecuador; **jugalis** (329) Brazil; Dutch Guiana; **kudu** (347) Perú; **morbosa** (342) Mexico; **necopinata** (337) Ecuador; **offuscata** (332) Brazil; **orba** (341) Paraguay; **rimata** (338) Perú; **trabecula** (331) Guiana.
- 174, *Anaxandra taurina* Kirkaldy (1909) A. S. E. Belg. LIII. Yun-nan.
- 181, *Cimex viridirufescens* Goeze 1778 Ent. Beytr. II. 249 France.
(? Acanthosomine).
= *C. carminaris* Geoffroy 1785 Fourcroy's Ent. Paris. 214.
- 182, *Dorpius kershawi* Kirkaldy 1909 A. S. E. Belg. LIII. S. China.
Caridillus curtus Bergroth 1909 Deutsch. E. Z. 331. Victoria.
- 184, *Typnoecoris fulvifemur* Breddin 1903 Soc. Ent. XVIII. Ecuador.
122.
- 186, *Lincus*: the following species have been added by Breddin in SB. Ges. Nat. Fr. Berlin 1908; **armiger** (26, fs. 3—4) Bolivia; **cultriger** (35, fs. 21—23) Brazil; **lammelliger** (34, fs. 19—2) Colombia; Fr. Guiana; **lobuliger** (27, fs. 5—8) Brazil; **spathuliger** (31, fs. 15—16) Perú;

- styliger* (31, fs. 12—14) Perú; *subuliger* (33, fs. 17—18) — ? —; (in error "*subreliger* Bergroth 1908). [*dentiger* and *securiger* are redescribed (24, fs. 1—2, and 29, fs. 9—11, respectively.)]
- p. 188, *Austromalaya aculeata* Queensland.
= *Spudaeus aculeatus* Bergroth 1909 A. S. E. Belg. LIII. 184.
- 190, *Poecilometis uniformis* Schouteden 1906 A. S. E. Belg. L. 139. N. S. Wales.
- 197, *Dalpada acuticeps* Breddin 1909 A. S. E. Belg. LIII, — ? —
f. 6 (on p. 265) [not described].
D. armaticeps Breddin 1909 op. cit. 265. Ceylon.
D. deplanata Breddin 1909 op. cit. 266, f. 7 (= ? *versicolor* Distant 194, not H-S.), with var. (?) *subdecora* op. cit. 268. India; Ceylon.
- D. annandalei* Distant 1908 Faun. Ind. Rh. IV. 432. India.
D. melania Distant 1908 op. cit. 433. Nepal.
- 195, *Anchises proximus* Scouteden 1906 A. S. E. Belg. L. 139. Birara.
D. punctulata Bergroth 1906 A. S. E. Belg. L. 257. Madagascar.
D. silvatica Bergroth 1906 op. cit. 256. Madagascar.
- 195, *Tinganina dimorpha* Bergroth 1909 Deutsch. E. Z. 329. Tasmania.
- 196, *Erthesina robertsi* Distant 1908 Faun. cit. IV. 434, f. 262. Sikhim.
Halys simplinervis Bergroth 1906 A. S. E. Belg. L. 258. Madagascar.
Neagacus hamulatus Bergroth 1906 op. cit. 261, f. 1. Madagascar.
- 199, *Paraneisamus subgenericus* Distant 1908 Faun. cit. 435, f. 263. India.
Solenogaster brevispinus Bergroth 1906 op. cit. 265. Madagascar.
- 200, *Nesobius albescens* Bergroth 1906 A. S. E. Belg. L. 263. Madagascar.
- 207, *Erachteus dubius* Schouteden 1909 Cat. 43, Pl. 2. f. 19. Belg. Kongo.
- 212, *Menedemus distant* Schouteden 1909 Cat. 40D. Belg. Kongo.
- 224, *Graphosoma cretica* Horváth (-um) 1909 Ann. Mus. Hung. Kandia.
VII. 147, f. 4, with var. (b) *hemistieta* (-um) op. cit. 148 (on *Eryngium*).
G. semipunctata vars. (d, e, f and g) *subaequalis* Horváth¹⁾ 45, *anceps*, l. c.; *melaniea* Bergevin 1909 B. S. E. France 46, fig. C; *pallida* Bergevin 1909 op. cit. 45, fig. B (typ. form, fig. A); *fureifera* Royer 1909 B. S. E. France 210, f. 4.
- 225, *Crypsinus jakowleffi* Schouteden 1906 Gen. 20 (new name). Russia.
= *C. angustatus* Jakovlev 1884 Hor. S. E. Ross. XVIII. 231 (not Baerensprung).
- Ancyrosoma tuberculata* Bergevin (-tum) 1908 B. S. E. Algeria.
France 277, fig. (sg. typ.)²⁾.
- 227, *Testrica distincta* Schouteden 1906 A. S. E. Belg. L. — ? — [Australia, see Bergroth.]
138 [belongs to subg. *Protestrica*].
- 229, *Ventocoris ramburi* Horváth (*Trigonosoma*) 1908 Ann. Spain.
Mus. Hung. V. 289.
- V. tataricus* nom. nov. = || *carinatus*.
- 233, *Thoria neavei* Schouteden 1909 Cat. 37. Belg. Kongo.
- 236, *Scotinophara scobinae* Distant (*Podops*) 1908 Faun. cit. Assam; Burma.
424.
- 237, *Moffartsia delhaizei* Schouteden 1909 Cat. 39. Belg. Kongo.
Burrus spicatus Distant 1908 Faun. Ind. Rh. IV. 425.
- 242, "*Pentatoma*" *oligocena* nom. nov.
= || *P. punctatum* Förster 1891 Abh. Geol. Spezialk. Els. III. 530, Pl. 16. f. 3.
Middle Oligocene of Germany.

¹⁾ These were all incorrectly written as neuter by Horváth, Bergevin and Royer.

²⁾ On *Eryngium*; *Carlina*.

- p. 242, *Pentatoma fatale* Förster 1891 op. cit. 528, Pl. 16. f. 2.
P. rugosum Förster 1891 op. cit. 532, Pl. 16. f. 5.
P. venosum Förster 1891 op. cit. 531, Pl. 16. f. 4.
Acanthosoma debile Förster 1891 op. cit. 535, Pl. 16. f. 9.
Arma contusa Förster 1891 op. cit. 534, Pl. 16. f. 8.
Eysarcoris humilis Förster 1891 op. cit. 524, Pl. 16. f. 1.
E. mamillata Förster (*Eu-*) 1891 op. cit. 525, Pl. 16. f. 6.
 NB. These last seven are from the same locality as *P. oligocena*.
- 244, *Melampodius westwoodi* Schouteden 1902 Wien. E. Z. Belg. Kongo.
 XXI. 238.
- 246, *Dalsira irrorata* var. (b) **angulata**. Belg. Kongo.
 = *Basicryptus irroratus* var. *angulatus* Schouteden 1909
 Cat. 78.
- 247, *Schyzops nepalensis* Distant (*Schi-*) 1908 Faun. Ind. Rh. Nepal.
 IV. 462.
- 249, *Gonopsis tonkinensis* Breddin 1904 Wien. E. Z. XXIII. 19. Tonkin.
Kaffraria waelbroeeki Schouteden (*Gonopsis*) 1909 Cat. 82. Belg. Kongo.
- 250, *Gellia neavei* Schouteden 1909 Cat. 75. Belg. Kongo.
G. tristis Schouteden 1909 Cat. 76. Belg. Kongo.
- 258, *Aspongopus lenoiri* Schouteden 1909 Cat. 72. Belg. Kongo.
- 272, *Odontotarsus horvathianns* Schouteden 1909 Cat. 35. Belg. Kongo.
- 274, *Eurygaster granulosa* Förster (*-sus*) 1891 Abh. Geol.
 Spezial. Els. III. 489, Pl. 15. f. 1.
 Middle Oligocene of Germany.
- 280, *Symphylus amazonicus* nom. nov. = || *divergens*.
- 292, *Chrysocoris daedalicus* Vollenhoven 1867 Versl. Ak. Wet.
 Amst. (2) II. 176 (as *Callidea daedalica*).
- 293, *Chrysocoris fascialis* var. (b) **venustria** Kirkaldy 1909 Macao.
 A. S. E. Belg. LIII.
- 299, *Lamproicra gloriosa* nom. nov. = || *distinguenda*.
- 303, *Brachyaulax miyakonus* Matsumura 1905 Tr. N. H. Soc. Liu Kiu Is.
 Sapporo I. 33, Pl. 1. f. 9.
- 305, *Poecilocoris croesus* Distant 1909 T. E. S. 385, Pl. 10. f. 1. Nias.
- 310, *Steganocerus transvalicus* Breddin 1908 Wien. E. Z. Transvaal.
 XXVII. 69.
- Hyperoncus decorsei* J. Martin 1904 Bull. Mus. Paris 525.
- 313, *Coleotichus blackburniae* var. (b) **gemmifera** nov. (for
 the variety with soft violaceous tint.)
- 314, *C. bulöwi* Schouteden 1908 Notes Leyden Mus. XXIX. 207. Samoa.
C. handlirschii Schouteden 1908 op. cit. 332. "Australia".
- 320, *Libyaspis vermicellaris* var. (b) **decepiens** Schouteden
 1909 Cat. 19.
- 321, *Catharodes dubius* Schouteden 1909 Cat. 13. Belg. Kongo.
C. montandoni Schouteden 1909 Cat. 14. Belg. Kongo.
C. mayumbensis Schouteden 1909 Cat. 15. Belg. Kongo.
Apotomogonius congolensis Schouteden 1909 Cat. 13, Belg. Kongo.
 Pl. 2. f. 16.
- Caternaultiella loosi* Schouteden 1909 Cat. 21. Belg. Kongo.
- 326, *Brachyplatys rubromaculatus* Schouteden † 1904 Mem. Belg. Kongo; Span.
 S. Españ. H. N. I. 142. Guinea; Kamerun.
- 341, *Coptosoma schoutedeni* Kirkaldy 1909 C. A. S. E. Belg. Belg. Kongo.
 LIII.
 = || *C. signatum* Schouteden 1909 Cat. 25.
- C. varibolor* Schouteden 1909 Cat. 26. Belg. Kongo.
- 346, *Lyramorpha perelegans* Vollenhoven 1868 Faune ent. "Australia".
 indo-néerl. III. 35.
- 349, *Embolasterna unicolorus* (!) Distant 1909 T. E. S. London 388, Pl. 10. f. 4. Borneo.
- 353, *Amisus testaceus* Distant 1909 T. E. S. London 388, Malacca.
 Pl. 10. f. 5.

- 356, *Pycnum alternatum* var. (b) **amethysta** nov. sp.
= || *Cimex amethystinus* Weber.
357, *Sanganus jenseni* Distant 1909 T. E. S. London 389, Borneo.
Pl. 10. f. 6.
359, *Natalicola vassei* Courteaux (*Cyclogaster*) 1907 Bull. Mozambique.
Mus. Paris. 36.

(e) Additional systematic notes.

- 8, *Oplomus nigripennis*. To *O. pulcher* add: Stål 1862 Stett. F. Z. XXIII. 86.
O. salamandra. To *O. tripustulatus* add: Montandon 1895 Bull. Mus. Torino
X. no. 219. p. 5; Stål 1868 Svensk. Vet. Ak. Handl. 7. no. 11. p. 15.
14, Schouteden's ref. under *Andrallus* should have been placed under "*Audinetia*".
17, *Zicrona caerulea*. Add: *Cimex ovatus* Goeze 1780 de Geer, Abh. Gesch. Ins.
III. 175 (new name).
24, *Amyotea malabrica*. Add: *Pentatoma mactans* Westwood 1842 Don. Ins. Ind.
25, Pl. 14. f. 4.
25, *Oechalia*: add: Kirkaldy 1909 P. Haw. Ent. Soc. II. 82 (with note on *consocialis*).
O. grisea, add: Kirkaldy 1909 op. cit. 83, Pl. 2. fs. 2—3, and textf. a; the
correct ref. to *Hawaiiicola* is op. cit. 82.
41, *Eucenaria* is, according to Bergroth, not distinct from *aenaria* (40).
Caystrus: to this should be added (sec. Bergroth) *Neodius* and all its species,
except *angulatus* which is a **myrochea** (207).
42, *Hippotiscus* to be superseded (sec. Bergroth) by **dunnius** (137), but *Dunnius*
bellus belongs to **myeterizon** (365).
45, *Hymenomaga* is a syn. (sec. Bergroth) of **tropicorypha** (46).
51, *Cimex angulatus* add: Puton 1871 Mt. Schweiz. Ent. Ges. III. 416.
55, *Phaeocoris* (= **timuria**) (209) and belongs to the Sciocorini.
Tolummia 3-notata, add: *Pentatoma pallidiventris* Vollenhoven 1867 Versl.
Ak. Wet. Amst. (2) II. 183.
59, *Mormoschema immaculatum* Breddin 1909 A. S. E. Belg. LIII. 269, f. 8 = *To-*
lumnia immaculata (51).
75, The two species of *Scylax* are the same, **porrectus** taking precedence; I have
now seen specimens, and from the length of the first segment of the
labium, I have assured myself that the genus is correctly placed in the
Pentatomini.
82, *Seponia variolosa* add: Breddin 1909 A. S. E. Belg. LIII. 271 (Ceylon).
83—85, Breddin (1909 A. S. E. Belg. LIII. 274) figures parts of *geminatus* (f. 13),
guttiger (f. 15) and *rosaceus* (f. 10) [as *Eus*]; also a note on *Hermolans*
op. cit. 273.
84, *Eysarcoris*, add: *Pentatoma* subg. *Eysarcoris* Stål 1865 Hem. Afr. I. 135.
E. marmoratus is a **menida** (132).
85, *E. rufoscutellatus* is a **menida** (132).
86, *E. quadrimaculatus* is a syn. of **geminatus** (83).
88, *Carbula carbula*, add: *distantiata* Bergroth 1903 Mém. S. E. Belg. XV. 167
(unnecessary new name).
C. melacantha, add: *Pentatoma hostilis* [Westwood] 1837 Cat. Hope I. 40
(Gambia).
89, *Mormidea similis* (under *socia*); Breddin considers this a good species.
92, *B. forskahlii* should be "*forskählii*".
98, *Agaeus* is (sec. Bergroth) a Halyine.
Agonoscelis brachyptera add: Schaum 1853 Ber. Preuss. Ak. Wiss. Berlin 357
(I do not know whether this is earlier than Stål's name or not).
104, line 9 "Breddin . . . 22" should be placed after "var." on the next line.
Stenozygum sanguinegutta (and *biraræ*) are attached to **gemmeum** by Schou-
teden.
112, *Hoplistodera gibba* is **Paraerithus trimaculatus** (127) (sec. Schouteden).
H. schwaneeri is a syn. (sec. Schouteden) of *Eysarcoris aeneus* (82).
Vulsireia violacea, add: *superba* Walker 1867 Cat. Het. II. 354 (Florida).
113, *Cutacanthus immaculatus* was enumerated by Lethierry and Severin as a var.
of *incarnatus*; it was Breddin who raised it to specific rank.

- p. 114, *C. incarnatus*, add: *Raphigaster id.* Westwood 1842 Donovan's Ins. India 24, Pl. 14. f. 1.
- 115, Cancel *Levenna!*
Anaxilaus camatula: Bergroth thinks that Stål has not correctly identified the Dallasaian species, Stål's species being probably = *vesiculosa*.
- 116, *Nezara aethiops* is an *aethemenes* (47) and *N. chloris* = *Aethemenes stalianus* (sec. Schouteden).
- 117, *Nezara*, vars. *aurantiaca* and *hepatica* are not even vars. cf. Reuter 1907 D. S. E. France 209. The same applies to *rosca* (120).
- 119, *N. heegeri*, add: [var.] *rubescens* Noualhier 1893.
- 121, *N. orbiculata* belongs to the typical subgenus.
- 127, *Oncotropis* was described as a subgenus of *axiagastus*, and is perhaps to be considered as such.
- 132, re no. 13, *albicans* is considered a good species by Breddin (1909 A. S. E. Belg. LIII. 280, f. 20) — Sumatra.
Menida labeccula, add: Breddin 1909 A. S. E. Belg. LIII. 281, f. 22.
- 134, Breddin now calls *Pygomenida* a subg. of *Menida* and places *bengalensis* (131) therein.
- 135, *Brachycoris insignis* is a *saccesurus*, cf. Breddin 1905.
- 148, *Erythemus* should be placed near *Halyomorpha* (49), cf. Breddin 1904 Wien. E. Z. XXIII. 6.
- 142, *Cuspicona antica*: Schouteden suggests that this is a *Glaucias* (125).
C. rufispina, add: Van Duzee 1905 l. c. 209.
- 144, *C. poscidon*, add: *Rhynchocoris hamatus* Westwood 1842 Donovan's Ins. Ind. 26, Pl. 14. f. 7 (not Fabricius).
punctipes being || in *Pentatoma*, no. 8 must bear the name of *truncatus*.
- 150, *Taurocercus abruptus*, add Distant 1880 B. C. A. Ht. 82, Pl. 8. f. 1.
- 153, *Peromatus notatus*: Breddin (1908 Wien. E. Z. XXVII. 67), "emends" this to "nodatus" as he thinks the latter spelling was intended. Of course I have not followed him!
- 156, *Edessa cervus*, add: *Rhynchocoris viridis* Westwood 1842 Donovan's Ins. Ind. 26, Pl. 14. f. 6.
- 162, *E. parvula*, add: Berg 1892 An. S. Cient. Arg. XXXIII. 47.
- 168, *Galgacus macer* is antedated specifically by *Atelocercus labidus* (181) from Tasmania.
Proctophantasta, add: "Proto-" Distant 1908 Faun. Ind. Rh. IV. 464 (*P. forficuloides* (l. c., f. 273 has also this generic misspelling).
- 171, *Acanthosoma distinctum*, add: Reuter 1881 op. cit. 75.
A. haemorrhoidalis add:
Clinocoris haemorrhoidalis (!) Hahn 1834 Wanz. II. 71, f. 158.
Acanthosoma haemorrhoidalis Saunders 1892 Hem. Brit. Is.
- 173, *Sastragala notata*, add: Stål 1871 O. V. A. F. XXVII. 638.
S. uniguttata, add: *Acanthosoma uniguttata* Westwood 1842 Donovan's Ins. Ind. 25, Pl. 14. f. 5.
- 174, *Anaxandra rufescens*, add: Reuter 1881 l. c.
- 177, *Elasmucha minax* is an *Elasmotethus*.
E. grisea, add: *Clinocoris griseus* J. Sahlberg 1878 Svensk. Vet. Ak. Handl. 16 (4). 16.
E. picicolor, add: *Clinocoris feberi* J. Sahlberg 1878 l. c.
- 194, *Dendrites* and *D. kershawi*, Kirkaldy 1909 A. S. E. Belg. LIII.
- 199, *Carenoplilus fixseni* Bergroth 1887 Rev. Ent. VI. 147 ("emend." for *fixeni*).
- 181, *Menestheus brevis* is a *Paramenestheus* (sec. Bergroth).
- 188, *Austromalaya lignaria* is a syn. of *Ectenus pudicus* (191) (sec. Schouteden).
- 199, *Zaplutus* is a syn. of *Solenogaster* (sec. Bergroth). *Solenogaster madagascariensis* is a syn. of *Dalpada liturifera* (193).
- 211, *Sciocoris cambridgei* is said to be figured in Tristram's Natural History of Syria (the title of which I do not know). The same is the case with *Leprosoma stáli* (226).
- 223, *Graphosoma*. Horváth (1909 Ann. Mus. Hung. VII. 143) has monographed the palaearctic species of this genus; the new forms are recorded in another

place, but not additional descriptions; cf. also Royer 1909 B. S. E. France 209—10, fs. 1—4.

p. 234, *Scotinophara*. It seems to be a species of this genus of which Nawa has delineated the metamorphoses, some structural details, parasites etc. (1898 Ins. World II. no. 12. Pl. 12).

236, *Podops* is feminine, not masculine.

237, *Amurochrous* was described as a subgenus of *Podops* by Stål and the type should be expressed as "*dubius* = *cinctipes*".

238, *Adoxoplatus* is (sec. Bergroth) a Discocephaline, as is also *Chrysodareus*; *Catalampus* is to be placed near *Tibialis* (140); *Bergrothina* near *Holcostethus* (47).

239, *Crollius* is a Myrocheine. *C. conspersus* is now known from German East Africa and Belgian Kongo.

240, *Rhaphigaster magalops* is a *coccoteris* (195).

Mormidea hoplites is a sp. of *cuspidata* (142).

252, The first spelling of "*Phlaea*" was by Brullé 1833 H. N. Ins. IX. 343.

253, To *Diuidor*, add: *Aspongopus* H-S. 1836 Wanz. III. 64 (not Laporte).

257, *A. viduatus* add: *A. vidua* Burmeister 1835 Handb. Ent. II. 352 (laps. cal.).

264, *Odontoscelis*, add: *urtocoris* Westwood 1840 Intr. Class. Ins. Syn. 124 (laps. cal.).

269, *Psacasta cerinthe*, add:

Cimex cerinthes Gmelin 1789 Syst. Nat. (Ed. XIII.) 2128.

Psacasta cerinthe Fieber 1861 Eur. Hem. 375.

275, *Eurygaster nigrocucullata* var. (b) *cucullata* should read, "var. (b)" *cappata*, and add: *Cimex cappatus* Geoffroy 1785 Ent. Paris. 195 (deleting this from *maurus*).

Nom. var. nov. *fuscescens* is unnecessary, as *secalinus* belongs to this variety and is prior. N. B. Reuter, Puton et al. have missynonymized these species of Geoffroy and Gmelin.

E. cucullata, add: *E. ligneus* Vollenhoven 1863 Faune ent. indo-néerl. I. 39.

286, *Pachycoris torridus*, add: *Pocilocoris aeneiventris* Vollenhoven 1863 Faune ent. indo-néerl. I. 7, Pl. 1. f. 3 (Indian Archipelago, in error).

303, *Cantao ocellatus* add: Vollenhoven 1863 Faune ent. indo-néerl. I. 11; Stål 1871 O. V. A. F. XXVII. 616; and 1873 Svensk. Vet. Ak. Handl. 14 (4). 10.

I have now seen Kirby's "description" of *Scutellera pedicellata*, and am of opinion that it can not be regarded as described. The only note is that the clavola "is usually very short, but in a species of bug (*Tetyra*, from New Holland — *T. pedicellata* Kirb. M. S.) it is nearly as long as all the rest of the joints together". The species ought, therefore, to be called *S. rubromaculata* (Burmeister).

310, *Steganocerus multipunctatus*, add: Marshall (G) 1902 T. E. S. London Pl. 19. f. 39.

✓ 313, *Coleotichus unicolor*, add: *C. costatus* A. White 1839 T. E. S. London II. 88, Pl. 7. f. 2.

317, *Heterocrates*, add: Vollenhoven 1863 Faune ent. indo-néerl. I. 56 (and to *coracinus*).

I have omitted to note that *Aphanopneuma*, *Ceratocoris* and *Cantharodes* were originally described as subgenera of *Plataspis*.

For "*Aphanopneuma biloba*" read "*Plataspis biloba*".

319, *Libyaspis* seems to be a synonym of *niamia* (320).

321, *Catharodes rutherfordi* and *nubilosus* are the same species (sec. Montandon).

322, The original reference to *Poseidon* is (sec. Schouteden), Tijdschr. Ent. VII. 30—31 (1864).

345, *Stilida indecora*, add: Sharp 1890 T. E. S. London 409, Pl. 12. f. 5.

347 *Plisthenes confusus*, add: Breddin 1900 Abh. Senck. Nat. Ges. XXV. 147; and 1904 Wien. E. Z. XXIII. 180, f. 2.

P. dilatatus, add: Distant 1880 T. E. S. London 151; and 1900 A. M. N. II. (7) VI. 379.

349, *Tessaratomia conspersa*, add: *Tessaratomia javanica* var. *stictica* Vollenhoven 1863 Faune ent. indo-néerl. III. 26, NB. Stål's spelling was "*Tessa*". Breddin's "*Tessa*".

p. 350, *T. papillosa* add:

Tesseratoma papillosa Westwood 1842 Donovan's Ins. Ind. 24, Pl. 14. f. 2
(*n* = f. 2 bis).

T. chinensis Vollenhoven 1868 op. cit., Pl. 3. f. 4a.

351, The type of *Siphnus* is **alcides**.

353, Laporte described *Eusthenes* as a subg. of *Dinidor*.

356, *Amyoti* was described as a *Dalcantha* in 1866, a *Pycanum* in 1868 (see Schouteden).

359, *Liphaemus* was described as a subgenus of *Cyclogaster*.

Read "*Cyclogaster equatoria* Distant 1890 CR. S. E. Belg. LVII. pp. 116—17".

361, According to Schouteden, *Delocephalus* is a Phyllocephaline!

I have only recently seen Vollenhoven's "De inlandsche Hemipteren". The Cimicidae (of Holland) are discussed there, in the Tijdschr. Ent. (2) III. 129—72, pls. 5—6 (1868). The species are referred to in Reuter's "Revisio", but not the figures, which are good, and are therefore now enumerated.

Eurygaster (Tetyra) maura, Pl. 5. f. 1.

E. (T.) hottentotta, f. 2.

Ventocoris (Trigonosoma) nigrolineata, f. 3.

Podops inunctus, f. 4.

Phimodera galgulina, f. 5.

Odontoscelis fuliginosa, f. 6.

Zicrona (Asopus) coerulesus, f. 8.

Jalla (A.) dumosus, f. 9.

Arma (A.) luridus, f. 10.

Cimex (A.) bidens, f. 11.

Sciocoris umbrinus, f. 12.

• *Aelia acuminata*, Pl. 6. f. 5.

A. klugii, f. 6.

A. inflexa, f. 7.

Pentatoma (Cimex) rufipes, f. 8.

Piezodorus (C.) lituratus, f. 9.

Acanthosoma haemorrhoidale, f. 13.

Elasmotethus interstinctus (A. haematogaster), f. 14.

Elasmucha (A.) griseum, f. 15.

E. (A.) ferrugator, f. 16.

Palomena (C.) parasinus, f. 10.

Dolycoris (C.) baccarum, f. 11.

Eurydema (C.) oleraceus, f. 12.

Also: *Cyphostethus tristriatus* (Acanthosoma clypeatum), 1869, op. cit. (2) IV, Pl. 1. f. 1., and

Rhacognathus (Asopus) punctatus 1873 op. cit. (2) VIII, Pl. 7. f. 5.

The following names appear to have been overlooked by previous authors. As I do not possess Schaeffer's *Iconographia*, I can not attempt to identify them. They were all described under the genus *Cimex*, by Goeze, in 1778, Entom. Beytr. II.

1. *aethiops* (276); 2. *cinereonigricans* (276); 3. *cinereus* (276); 4. *flavoviridis* (274); 5. *incarnatus* (274); 6. *minutulus* (277); 7. *truncatus* (277).

Goeze has also (281—84) named 20 of Seba's species, which for a similar reason, I am unable to deal with. I do not even know that they are Cimicidae.

(f) Additional biological references.

p. 5. *Cimex bidens*

§ Sandahl 1891 Ent. Tidskr. XII. 232 (habits).

§ Ashmead 1894 Psyche VII. 64 (*n*. preyed on by *Astatus boops* (Hym.) (cf. also T. E. S. London II. 57).

§ Poulton 1907 T. E. S. London for 1906 (preys on larvae of *Gastropacha rubi* [Lep.] and *Nematus viminalis* [Hym.]).

6. *Jalla dumosa*

§§ Walker (J. J.) 1900 Ent. Mo. Mag. (2) XII. 96 (*n*).

6. *Perilloides bioculatus*
§ J. A. Green 1900 Bull. U. S. Ent. XXII. 102 (o—a; habits).
§ Pettit 1908 Bull. Michigan Agr. Sta. 251, p. 116. f. 6 (feeding on *Leptinotarsa decemlineata* [Col.]).
7. *P. circumcinctus*
§ Riley 1872 Missouri Rep. IV. 19, f. 6.
13. *Cantheconidea furcellata*
§ Autram 1907 J. Bombay N. H. S. XVII. 1024 (Cantec-).
16. *Euthyrhynchus floridanus*
§ Howard (L. O.) 1900 Bull. U. S. Ent. XXII. 109 (preys on *Apis mellifera* [Hym.] and *Nesara hilaris* [Hem.]).
17. *Zicrona caerulea*
§ Puton 1881 Syn. Hém. France II. 82 (destroys *Graptodera ampelophaga* [Col.] in the Vines).
§ Jennings 1903 Ent. Mo. Mag. (2) XIV. 70 (aberrant legs).
§ Guérin and Peneau 1904 Faune Ent. Armor. Hém. Pent. 34 (o—a; biol.) [ref. to Valéry de Mayet's work on the Vine].
§§ Kerslaw and Kirkaldy 1909 J. Bombay N. H. S. (o—a; preys on *Altica caerulea* [Col.]).
18. *Apateticus*
§ Kirkaland 1897 Can. Ent. XXIX. 115—17 (*Podisus placidus*, *modestus* and *serieventrus* prey on *Porthetria dispar* [Lep.]).
A. maculiventris
§§ Riley 1869 Missouri Rep. I. 77; 1870 op. cit. II. 32, f. 7; 1872 op. cit. IV. 19, fs. 8—9 (o—n).
§ Potts 1891 Ent. News II. 53 (o. and parasite).
§ Lugger 1900 Rep. Minnesota Agr. Sta. VI. 93, f. 92.
§§ Wilson 1906 J. Exp. Zool. III. 18, fs. 5 l—m (embryol.).
§ Folsom 1906 Entomology, f. 207 G (o); and f. 270 (sucking the blood from larva of *Colias philodice* [Lep.]).
§ Felt 1906 Mem. New York State Mus. VIII. 608, f. 162 (a).
§ Chittenden 1908 Circ. U. S. Ent. 102. p. 6.
§§ Folsom 1909 Bull. Illinois Agr. Sta. 134. p. 145, f. 11 (n. sucking a caterpillar).
Feeds also on: *Mamestra picta*; *Colias philodice*; *Hemileuca maia*; *Agrotis scandens*; *Loxostege obliteralis*; *Gymnonychia appendiculatus*; *Carpocapsa pomonella*; *Archips fervidana*; *Alabama argillacea*; *Carneades scandens*; *Hemerocampa leucostigma*; *Hyphantria textor*; *Pieris rapae* [Lep.]; *Daphneromera femorata* [Orth.]; *Crioceris asparagi*; *Doryphora decemlineata* [Col.]; *Macrosiphum pisi* [Hem.]; *Selandria barda* [Hym.].
Parasites: *Hadronotus* sp.; *Telenomus dimmocki* and *podisi*; *Trissolcus thynator* [Hym.].
A. modestus
§ Lintner 1889 Rep. New York State Mus. XLII. 170 (habits).
§ Felt 1906 Mem. New York State Mus. VIII. 610, f. 163 (a).
§§ Patch 1908 Bull. Maine Agr. Sta. 161 p. 343, f. 37.
Preys on larvae of *Heterocampa guttivitta* [Lep.].
20. *A. nigrolimbatus*: add: § Berg 1879 Hem. Arg. 35 (n).
A. placidus
§ Saunders 1869 Can. Ent. II. 15; 1870 op. cit. 93, t: and 1900 Ins. inj. fruit (Ed. II.) 342, f. 355.
§ Walsh 1869 Can. Ent. II. 33.
§ Riley 1877 Rep. Ins. Missouri IX. 17, f. 7.
§ Felt 1906 Mem. New York State Mus. VIII. 607, f. 161 (a).
Foodplants: *Acer negundo*; *Ribes glossularia*.
Preys on: *Pteronius ribesii* [= *Nematus ventricosus*]; *Lophyrus* [Hym.]; *Eucanessa antiopea*; *Anisota senatoria*; *Malacosoma americana*; *Hemerocampa leucostigma*; *Hyphantria textor*; *Porthetria definita* and *dispar* [Lep.].
22. *A. lineolatus*
§ Packard 1885 Rep. U. S. Ent. Comm. IV. 97 (refers to '*Podisus punctipes*' a

- destroying *Aletia* and also destroying Cotton bolls. I suppose he means '*punctipennis*' = *lineolatus*).
- p. 22, *A. cinicus*
 § Hagen 1884 Can. Ent. XVI. 39 ("*Podiscus crocatus*") feeds on caterpillar and pupa of *Pieris menapia* [Lep.].
 § Van Duzee 1894 Bull. Buffalo Soc. N. S. V. 170 (feeds on *Platysamia cecropia* [Lep.]).
- 23, *Arma lurida*
 § Butler (E. A.) 1881 Ent. Mo. Mag. XVIII. 113 (sucking n. of *Piezodorus bilobus* [Hem.]).
 § Poulton 1907 T. E. S. London for 1906, p. 404 probably this species feeds on *Orgyia antiqua* [Lep.] and *Phyllodecta vitellinae* [Col.].
- 26, *Cermatulus nasalis*
 § Hudson 1892 Man. N. Z. Ent. 121, Pl. 20. f. 6a (n).
 § Hudson 1898 N. Z. Moths and Butt. 107 (preys on larva of *Vanessa gene-rilla* [Lep.]).
 § Kirkaldy 1909 P. Haw. Ent. Soc. II. 82 (preys on larva of *Asaphodes nega-spilata* [Lep.]).
- 29, *Cazira vegeta*
 § Kirkaldy 1909 A. S. E. Belg. LIII. (n).
- 32, *Stiretrus anchorago*
 § Riley 1869 Missouri Rep. I. 114, f. 56 (var. *fimbriata*).
 § Lugger 1900 Rep. Minnesota Agr. Ent. VI. 94, f. 93 (n. and a) (with var. *fimbriata* (fig. of a)).
 §§ Chittenden 1908 Circ. U. St. Ent. 102. p. 6, f. 5 (5b = n).
 Preys on *Crioceris asparagi* [Col.].
- 41, *Ochrophara montana*
 §§ Stebbing 1903 Ins. Affect. Forest. I. 123, Pl. 1. f. 6 (6a = n).
- 47, *Holcostethus* sp.
 § Forbes Bull. Illinois Lab. N. H. IV. 6 (alimentary canal in *Peribalus*).
- 51, *Palomena* sp.
 § Guérin and Peneau 1904 Faun. Ent. Amor., Hém. Pent. 25 (n).
- 52, *P. prasina*
 § Pissot 1888 B. S. E. France (6) VIII. p. CXCv (?parasitized by Diptera).
 § Ashmead 1894 Psyche VII. 64 (preyed on by *Astata boops* [Hym.]).
P. viridissima
 § Ashmead 1894 Psyche VII. 64 (preyed on by *Astata boops* [Hym.]).
- 54, *Rhytidolomia pinicola*
 § Reuter 1907 B. S. E. France 210.
- 57, *Carpocoris pudicus*
 §§ Link 1909 Zool. Jahrb. Anat. XXVI. 349, f. 24 (ocelli).
- 58, *Dolycoris baccarum*
 § F. B. White 1877 Ent. Mo. Mag. XIV. 94 (antennal oligomery).
 †§ Ruland 1888 Z. Wiss. Zool. XLVI. p. ? (antennal sensory organs).
 § Poulton 1908 P. E. S. London p. XXXIII (preyed on by *Laphria gilva* [Dipt.]).
- 59, *Mormidea* sp.
 § Forbes Bull. Illinois Lab. N. H. IV. 6 (alimentary canal).
- 63, *Euschistus*
 §§ Wilson 1906 J. Exp. Zool. III. 14, f. 4 (embryology).
 § Forbes Bull. Illinois Lab. N. H. IV. 6 (alimentary canal).
- 65, *E. euschistoides*
 § Felt 1906 Mem. New York State Mus. VIII. 610 (as *fissilis*).
- 67, *E. politus*
 § Felt 1906 op. cit. 612.
E. tristigmus
 § Felt 1906 l. c., f. 165 (a).
E. variolarius
 § Felt 1906 op. cit. 611, f. 164 (a).
 § Folsom 1909 Bull. Illinois Agr. Sta. 134. p. 145, f. 12.

- §§ Foot and Strobell 1909 Biol. Bull. Wood's Hole XVI. 215—38, Pls. 1—3 (embryology).
 Preys on *Macrosiphum pini* [Hem.]
- 72, *Coenus delia*
 §§ Wilson 1906 J. Exp. zool. III. 17, f. 5h—i (embryol.).
 § Felt 1906 Mem. New York State Mus. VIII. f. 220 (a).
Hymenarcys sp.
 § Forbes Bull. Illinois Lab. N. H. IV. 6 (alimentary canal).
- 77, *Aelia acuminata*
 § Pomel 1889 C. R. Ac. France CVIII. 575—57 (ravages on cereals).
 § Schumann 1887 Berlin. E. Z. XXXI. p. XIX (id.).
 § Guérin and Peneau 1904 Faun. Ent. Armor., Hém. Pent. 21 (mimics *Cariopsis*).
- 82, *Eysarcoris aeneus*
 § Verhoeff 1891 Ent. Nachr. XVII. 51 (*Pentatoma aenea* nests of *Theridium sisyphium* [Arachn.]).
- 88, *Carbula damalis (decorata)*
 § Stål, in the place cited, has a note on antennal oligomery.
- 94, *Thyanta aeruginosa*
 § Wilson 1909 Science XXIX. 57, fig. (embryol.).
- 95, *T. rugulosa*
 § Ashmead 1894 Psyche VII. 64 (preyed on by *Astata nubecula* [Hym.]).
- 98, *Agonoscelis puberula*
 §† King 1908 Rep. Wellcome Lab. III. Pl. 28. f. 11 (a).
- 99, *Euridema* sp.
 § Child 1894 Zeitschr. Wiss. Zool. LVIII (sensory organs in '*Strachia*').
- 102, *E. oleracea*
 § Boisduval 1867 Ent. Hort. 223.
 §† T. E. S. London II. 57 (preyed on by *Astata boops* [Hym.]).
 § Reuter 1881 Med. Soc. Faun. Fenn. VI. 187.
- 103, *E. ornata*
 § Geoffroy 1762 Hist. Ins. Paris I. 469 (o).
 § Latreille 1804 Hist. Nat. Ins. XII. 194 (o).
 § Boisduval 1867 Ent. Hort. 223.
 § Köppen 1880 Schäd. Ins. Russl. 445.
 § Künckel d'Herculais 1883 Brehm's Merv. Nat. 453, f. 1562 (copulation).
- 106, *Murgantia histrionica*
 § Webster 1896 Bull. Ohio Agr. Sta. 68, p. 35, f. 35, f. 1 (and map).
 § Webster 1897 Rep. Ent. Ontario for 1896, pp. 80—6 (eaten by mice).
 § Morgan 1897 Bull. Louisiana Agr. Sta. (2) 48, p. 139, fig.
 § Symons 1905 Bull. Maryland Agr. Sta. 101, pp. 187—88 fig. 48 (o— a; paras.).
 § Sanderson 1908 J. Econ. Ent. I. 255—57 (influence of temperature on distribution).
 § Smith 1909 J. Econ. Ent. II. 108—14.
- 107, *Bagrada hilaris*
 § Lounsbury 1899 Rep. Cape Good Hope Ent. for 1898, p. 46, Pl. 2. f. 1 (habits).
 § Fuller 1905 Rep. Ent. Natal IV. 21, fig.
- 115, *Nezara* spp.
 § Wilson 1906 J. Exp. Zool. III. 25, f. 6^{III} (embryol.).
 § Wilson 1907 Science XXIX. 60, fig. (embryol.).
- 118, *N. viridula*
 § F. B. White 1877 Ent. Mo. Mag. XIV. 94 (antennal oligomery).
- 119, *N. hilaris*
 § Ashmead Ins. Life VII. 320.
 § Howard 1900 Bull. U. S. Ent. XXII. 109.
 § Sanderson 1906 Bull. U. S. Ent. LVII. 47, f. 29 (o— a).
 Preyed on by *Euthyrhynchus floridanus* [Hem.].
- 120, *N. pensilvanica*
 § Riley 1885 Rep. U. S. Ent. Comm. IV. 366 (damaging Cotton bolls).
- 122, *N. calva*
 §§ Wilson 1905 J. Exp. Zool. II. 526—30, f. 4 (embryol.).

- p. 129, *Antestia orbitalis*
 § Lounsbury 1899 Rep. Cape Good Hope Ent. for 1898 p. 46; Pl. 2. f. 2.
- 135, *Piezodorus lituratus*
 § Butler 1881 Ent. Mo. Mag. XVIII. 113 (preyed on by *Arma lurida* [Hem.]).
- 138, *Rhaphigaster nebulosa*
 § Gorski 1852 Anal. Ent. 15 (o. of '*Pentatoma punctipennis*').
 §§ Blanchard 1877 Métam. Ins. (2) 611, figs. (o—a).
 § Girard 1885 Traité Ins. III. 785.
- 145, *Holcogaster fibulata*
 Parasitized by *Telenomus truncatus* [Hym.], cf. Morley 1909 Zoologist (4) XIII. 215, who refers to Gaulle's Cat. Hym. France 1908, which I have not yet seen, and which is apparently a reprint from the series of papers, 1906 et seqq., in Feuille. Jeunes Nat.
- 147, *Pentatoma rufipes*
 § Gaede 1817 Wiedem. Zool. Mag. I [ex pp. 87—110] (anat.).
 §§ Ratzeburg 1844 Forstins. III. 223, Pl. XI. f. 3 (o—a).
 § Frey-Gessner 1866 Mt. Schweiz. E. Ges. II. 122 (smell like rotten apples, with a little muskiness!).
 § Douglas 1866 Ent. Mo. Mag. IV. 271 (antennal oligomery).
 § Morley 1907 Ent. Mo. Mag. (2) XVIII. 50 (on dead *Accipiter nisus* [Aves]).
- 171, *Acanthosoma*
 § Kraepelin 1883 Beil. Oster-Progr. Realsch. Johann. Hamburg (antennal sensory organs).
- 172, *A. haemorrhoidalis*
 § Morley 1907 Ent. Mo. Mag. (2) XVIII. 50 (on dead *Corvus corone* [Aves]).
 §§ Link 1909 Zool. Jahrb. Anat. XXVII. 347, fs. 22—23 (ocelli).
- 176, *Elasmucha grisea*
 § Morley 1907 l. c. (on dead *Corvus corone* [Aves]).
- 178, *Elasmostethus interstinctus*
 § Duda 1885 Wien. E. Z. IV. 99 (anatomy).
- 187, *P. grandicornis*
 §§ Dallas 1851 l. c., Pl. 6. f. 2C (antennal oligomery).
- 192, *Dalpada*
 Breddin 1909 A. S. E. Belg. LIII. 266 (n).
- 195, *Coctoteris exiguus*
 § Kirkaldy 1902 Entom. (maternal solicitude).
- 209, *Dyrodereis umbraculatus*
 § Guérin and Peneau 1904 Faune Ent. Armor. Hém. Pent. 20 (o).
Sciocoris sp.
 § Morley 1909 Zoologist (4) XIII. 215 (preyed on by *Astata costae* [Hym.]).
- 212, *Menaccarus arenicola*
 § Guérin and Peneau 1904 Faun. Ent. Armor., Hém. Pent. 19 (n).
- 224, *Graphosoma semipunctata*
 § Bergevin 1909 B. S. E. France 43, figs. A—C (vars.).
- 251, *Megarhamphus hastatus*
 §§ Kirkaldy 1909 P. Haw. Ent. Soc. II. 39, figs. 1—2 (monstrous head).
- 257, *Aspongopus nubilus*
 § Lounsbury 1899 Rep. Cape Good Hope Ent. for 1898, p. 38 (habits).
- 264, *Odontoscelis* sp.
 § Morley 1909 Zool. (4) XIII. 215 (preyed on by *Astata costae* [Hym.]).
O. dorsalis
 § Guérin and Peneau 1904 Faun. Ent. Armor., Hém. Pent. 10 (n).
- 265, *O. fuliginosa*
 † André 1874 Rev. Mag. Zool. (3) II (cf. Wasmann 1894 Krit. Verz. Myrm. Arthr. 179) (in nests of *Tetramorium caespitum*) [Hym.].
- 275, *Eurygaster integriceps*
 Parasitized by *Telenomus simoni*, *vassiliewi* and *rufiventris* (cf. Mayr 1903 Verh. Zool. Bot. Ges. Wien 389; and 1907 Hor. E. S. Ross. XXXVIII, 158).
E. maurus
 § Gorski 1852 Anal. Ent. 15 (o).
 § Guérin and Peneau 1904 Faun. Ent. Armor., Hém. Pent. 11 (o—a; biol.).

- ‡ Kosarow 1907 Arb. Staats. Land. Versuchsst. Bulgar. I. 1—208 (*Tetyra maura*).
- p. 307, *Tectocoris diopthalma*
 § Kirkaldy 1908 P. Linn. S. N. S. W. XXXIII. 349 (preys on *Levuana iridescens* [Lep.], a Coconut pest).
- ✓ 325, *Brachyplatys liturifrons*
 The date of the abstract of Westermann in Silb. Rev. Ent. is 1833, but I am not sure of the pagination; for another abstract, cf. Mag. N. H. III. 537 (1839).
- B. subaeneus*
 §§ Kershaw 1909 A. S. E. Belg. LIII (o—a).
- ✓ 331, *Coptosoma cribraria*
 §§ Kershaw 1909 A. S. E. Belg. LIII (o—a).
C. duodecimpuncta
 § Distant 1903 Fasc. Malay. I. 224 (habits).

(g) Additional host-plants.

- Cimex bidens* (5): *Salix repens*.
C. nigridens (5): *Clematis*.
Jalla dumosa (6): *Hippophaë rhamnoides*.
Pinthaeus sanguinipes: *Prunus cerasus*.
Auriga custos (15): *Populus*; *Quercus*.
Rhacognathus punctatus (16): *Erica*; *Ulex europaeus*.
Zicrona caerulea (17): *Ammannia rotundifolia*; *Fragaria*; *Rosa canina*; *Thesium linophyllum*.
Apateticus placidus (20): *Acer negundo*; *Ribes glossularia*.
Arma lurida (23): *Clematis*; *Kakile maritima*.
Cermatulus nasalis (26): *Leptospermum scoparium*; *Nani* [= *Metrosideros*] *scandens*.
Stiretrus anchorago (32): *Helianthus annuus*.
Holcostethus limbolarius (48): *Capsella bursapastoris*.
Trichopepla semivittata (49): *Eryngium yuccaefolium*.
Palomena prasina (52): *Betula*; *Populus tremula*; *Rubus*; *Syringus*; *Tilia*.
P. viridissima (52): *Clematis*; *Cornus sanguinea*; *Cucurbitaceae*.
Rhytidolomia pinicola (54): *Juniperus*; *Pinus*.
R. ligata (54): *Brassica*.
Carpocoris pudicus (57): *Carduus*; *Cirsium*; *Quercus*.
✓ *Codophila varia* (58): *Verbascum*.
Dolycoris baccarum (58): *Achillea millefolia*; *Hesperis*.
Euschistus euschistoides (65): *Pinus*; *Quercus*; *Asparagus officinalis*.
E. servus (65): *Brassica*.
E. tristigmus (67): *Pinus*.
E. variolarius (67): *Carduus*; *Fragaria*; *Pinus*; *Melon*.
Coenus delia (72): *Pinus*.
Aelia acuminata (77): *Juncus*.
✓ *A. germari* (78): *Plantago*.
✓ *A. glebana* (78): *Graminaceae*.
Cosmopepla lintneriana (80): *Brassica sinapistrum*; *Mentha canadensis*; *Asparagus officinalis*.
C. conspicillaris (80): *Mentha canadensis*.
✓ *Stagonomus bipunctatus* (81): *Ajuga reptans*.
S. binotatus (81): *Thymus*.
✓ *Eysarcoris aeneus* (82): *Fragaria*; *Rosa canina*.
E. fabricii (84): *Scrophularia*; *Galeopsis tetrahit*; *Lamium album*.
Rubiconia intermedia (86): *Epilobium angustifolium*; *Stachys sylvatica*.
Brachynema cincta (93): *Atriplex*; *Suaeda fruticosa*; *Salsolaceae*.
Thyanta custator (94): *Alfalfa*.
T. perditor (95): "Milo"; *Avena sativa*.
✓ *Agonoscelis nubilis* (97): *Saccharum officinarum*; *Labiatae*.
✓ *Eurydema cognata* (99): *Kakile maritima*.

- E. festiva* (100): *Mentha sylvestris*; *Sinapis cheiranthus*; *Sisymbrium sophiae*; *Cardamine amara* and *pratensis*.
E. herbacea (101): *Alyssum saxatile*; *Cardaria draba*; *Psamma arenaria*; *Sisymbrium*.
E. oleracea (102): *Apium graveolens*; *Cheiranthus cheiri*; *Lactuca*; *Lapsana communis*.
E. ornata (103): *Apium graveolens*; *Cardamine amara* and *pratensis*.
Strachia crucigera (107): *Imperata koenigii*.
Bagrada cruciferarum (108): *Brassica*; *Indigofera tinctoria*; *Sinapis dichotoma*.
Nezara viridula (118): *Brassica rapa* and *sinapistrum*; *Setaria italica*; *Solanum tuberosum*; *Ipomoea batatas*.
N. heegeri (119): *Eucalyptus*; *Euphorbia*; *Juniperus*.
N. hilaris (119): *Brassica oleracea*, *rapa* and *sinapistrum*; *Ipomoea batatas*; *Solidago*; *Zea mays*; *Asparagus officinalis*; *Hibiscus esculentus*.
N. millierei (120): *Euphorbia* (and delete this from no. 48).
N. pensylvanica (120): *Gossypium*.
N. narginata (120): *Cercis occidentalis*.
Antestia anchora (128): *Pavetta indica*.
Menida formosa (132): *Graminaceae*; *Papilionaceae*.
Piezodorus lituratus (135): *Genista*.
P. hybneri (136): *Cucurbitaceae*.
Rhaphigaster nebulosa (138): *Berberis*.
Bathycoelia thalassina (139): *Cocos nucifera*.
Holcogaster fibulatus (146): *Pinus*.
Pentatoma rufipes (147): *Populus*; *Quercus*; *Salix*; *Ulmus*.
Acanthosoma haemorrhoidalis (172): *Corylus avellana*; *Prunus padus*.
Elasmucha ferrugata (176): *Rubus idaeus*; ["Mehlbeere" = ?]; *Rosa canina*; *Betula alba*; *Lonicera xylosteum*.
E. grisea (176): *Populus tremula*.
Elasmotethus cruciatus (178): *Aralia racemosa*.
Brochymena arborea (191): *Acer compestre*.
B. tenebrosa (192): *Prosopis juliflora*.
Mustha spinosula (200): *Cupressus pyramidalis*.
Sciocoris cursitans (209): *Echium scabiosum*; *Erodium cicutarium*; *Herniaria*; *Hypericum perforatum*; *Teucrium*; *Verbascum*.
S. macrocephalus (209): *Erica saxifraga*; *Thymus*.
Dyrodereis umbraculatus (209): *Juniperus*.
Graphosoma semipunctata (224): *Foeniculum*; *Ridolfia segetum*; *Ferula communis*.
Ancyrosoma leucogrammes (25): *Eryngium amethystinum*; *Verbascum*.
Podops inuncta (236): *Urtica dioica*; *Helianthemum vulgare*.
Aspongopus ianus (236): *Cucumeris*; *Cucurbita*.
A. nubilus (257): "Melon"; *Cucurbita*.
A. viduatus (257): *Citrullus colocynthis*.
Megymenum subpurpurascens (259): *Labiatae*.
Odontoscelis fuliginosa (265): *Erodium cicutarium*.
Psacasta cerinthe (269): *Boragineae*.
P. conspersa (269): *Echium vulgare*.
P. exanthematica (270): *Carduus*; *Thymus*.
Odontotarsus caudatus (270): *Eucalyptus* (under bark).
O. purpureolineatus (271): *Triticum*.
Eurygaster hottentotta (273): *Triticum*.
E. integriceps (274): *Secale*.
E. maurus (275): *Hypericum elodes*; *Secale*.
E. nigrocucullata (275): *Erodium cicutarium*.
Scutellera perplexa (304): *Casearia tomentosa*.
Lampromicra senator (300): *Gossypium*.
Cantao ocellatus (308): *Bischoffia javana*.
Brachyplatys pacificus (324): *Saccharum officinarum*.
B. subaeneus (325): *Pueraria thunbergiana*.
Coptosoma cribraria (331): *Dolichos lablab*; *Pueraria thunbergiana*.
C. duodecimpunctata (331); *Acacia*.

(h) Additional Localities.

In his recent Catalogue of the Hemiptera of the Belgian Kongo (Ann. Mus. Congo), Schouteden has added a number of species to the Kongolan list; these have not been, as a rule, added here, as I have only just received the work, but must be referred for the work itself, as explained above.

- Cimex vicinus* (5): Yun-nan.
- Perillus confluens* (7): Nicaragua.
- Oplomus nigripennis* (8): Costa Rica.
- Damatius splendidulus* (10): Dahomey.
- Zicrona cerulea* (17): Liu-kiu.
- Amyotea erythromela* (23): N. Queensland; Amboina. (And delete "Queensland" from *hamata*).
- Oechalia consocialis* (25): Tahiti.
- Cazira thibetensis* (28): Yun-nan.
- Aenaria lewisi* (40): Liu-kiu.
- Palomena unicolorella* (52): Yun-nan.
- Massocephalus maculatus* (51): Liu-kiu.
- Dolycoris indicus* (59): Yun-nan.
- Eysarcoris ventralis* (85): Ceylon; Liu-kiu.
- Aspavia ingens* (87): C. Africa.
- Carbula obtusangula* (89): Liu-kiu.
- Thyanta antiguensis* (94): Ecuador.
- Agonoscelis rutila* (98): Halmahera. (This seems so be the correct name, rather than Jilolo.)
- A. pubescens* (98): Angola; Mozambique; Zanzibar; Belg. Kongo.
- Eurydema dominulus* (99): Kamtshatka.
- E. liturifera* (101): Kashmir.
- E. ornata* (102): Liu-kiu.
- Stenozygum angulare* (104): Port. E. Africa.
- S. decoratum* (104): Belg. Kongo; E. Africa (= Ikoto).
- S. gemmeum* (104): Kaisaa.
- Bagrada hilaris* (107): Zululand; Natal; Belg. Kongo.
- Runibia decorata* (110): Philippines (Luzon).
- Hyrmine 6-punctata* (115): Salawati; Waigiu.
- Nezara viridula* (117): Canaries; Liu-kiu.
- N. stictica* (121): Venezuela; Ecuador.
- Plautia crossota* (125): Liu-kiu; Balabac; China (Shanghai).
- Glaucias impar* (126): Balabac.
- G. sulcatus* (126): Queensland.
- Axiagastus rosmarus* (126): India; Sumatra.
- Antestia anchora* (128): Siam; Penang. (? Buru).
- A. cincticollis* (128): for "Central Africa (Kibanga)": read "Belg. Kongo."
- A. degenera* (129): Sarawak.
- Menida annulifera* (131): Natal.
- M. bengalensis* (131): Ceylon.
- M. formosa* (132): Java.
- Piezodorus hybneri* (136): S. China. (Also, but in error, from the Hawaiian Isles.)
- Amblycara gladiatoria* (140): Queensland.
- Cuspicona rufispina* (142): N. S. Wales.
- C. simplex* (142): S. Australia.
- Rhynchocoris humeralis* (143): Java.
- Hoffmanseggia defensor* (145): Br. Papua.
- Placosternum urus* (149): Yun-nan.
- Taurocerus achilles* (150): Br. Guiana.
- Arvelius albopunctatus* (150): L. California.
- Brachystethus coxalis* (152): Panama.
- Edessa bilunulata* (154): Brazil.
- Sastragala edessoides* (173): Yun-nan.
- Aeptus singularis* (182): Abyssinia.
- Mecidea pallida* (202): Canaries.

- Erachteus tibialis* (207): Uganda.
Sciocoris lateralis (210): Ceylon.
S. fuscosparsus (210): Damaraland; Belg. Kongo.
S. sideritidis (211): Canaries; Sicily.
Menaccarus piceus (213): Nubia.
Sympiezorhincus tristis (219): Fr. Guiana.
Graphosoma lineata (typ.): S. France; Sardinia.
Melanophara dentata (234): Macao.
Scotinophara ochracea (235): Burma.
S. serrata (236): Sumatra.
Metonymia modesta (245): Gambia.
Gonopsis affinis (247): Liu-kiu.
Aspongopus dubitabilis (255): Kamerun; Belg. Kongo.
A. fuscus (256): Tenasserim.
A. nubilus (257): Damaraland; Belg. Kongo.
Megymenum parallelum (259): S. China.
Xerobia sculpturata (272): Damaraland.
Hotea curculionides (277): Celebes; Ternate.
Deroplax nigrofasciata (282): Uganda; Belg. Kongo.
Augocoris gomesii (289): Ecuador.
Gonaulax grandis (291): Uganda.
Chrysocoris purpureus (294): S. China.
C. coxalis (295): S. China.
C. iris (296): Restore Burma and Tenasserim.
Calliphara billardieri (297): N. S. Wales; N. Caledonia.
Lampromicra fastuosa (299): Ceram.
Goleotichus excellens (313): Larat.
Aphanopneuma stáli (317): Kamerun; Belg. Kongo.
Ponsila severini (322): Nyasaland.
Brachyplatys carolinae (323): China (Fau-chu-fu).
B. deplanatus (323): Birara.
Coptosoma icterica (333): Japan.
C. nepalensis (335): Timor.
C. nilgirensis (335): Ceylon.
C. proxima (337): Kaisaa.
C. stáli (339): A. China.
Erga longitudinalis (345): New South Wales.
Lynamorpha diluta (346): Aru.
Oncomeris chrysoptera (347): Waigiu.
O. ostracioptera (347): Solomon Isls.
Plisthenes confusus (347): Morotai; Waigiu; Salawati.
P. meriani (347): Waigiu; Batchian; Haruka; Murray Is.
P. moluccanus (348): Halmahera.
Piezosternum subulatum (348): Guadeloupe; Martinique; [Oware in error].
P. calidum (348): Somaliland.
Eusthenes robustus (354): S. China.
E. touchei (354): the locality is Fo-kien, which has by a printer's error been tacked on to Java below!
Pycnanum pretiosum (356): Philippines.
P. alternatum Philippines (Palawan).
Natalicola pallidus (359, = *delegorguei*): Mashonaland.
Aplosterna virescens (359): Natal.

New genera, or generic names, proposed in this volume.

Auriga (15).
 Glypsus subg. **Cataglypsus** (27).
Dryadocoris (47).
 Euschistus subg. **Paraschistus** (63).
 Nezara subg. **Rio** (116).
 Aegalaus subg. **Paraegaleus** (134).
 Serdia subg. **Brasillicola** (140).
 Poecilometis subg. **Euronotias** (189).
Dendrites (194).
 Platycarenum subg. **Discocephalessa** (215).
Neodine (218).
Leprosomatessa (225).
Platistus (238).
Metonymia (244).
 Metonymia subg. **Chalcopis** (244).
Kafraria (248).
 Gellia subg. **Leliga** (250).
 Deroplax subg. **Xosoplax** (281).
 Piezosternum subg. **Piezosternias** (348).

And in the Appendix:

Tropicorypha subg. **Boerias** (365).
 Chelysoma subg. **Orsilochides** (366).

New species and varieties, or new names, proposed in this volume.

Perilloides exaptus var. **variegatella** (7).
 Oplomus salamandra vars. **violaceella** and **fabricii** (8).
 Cazira **vegeta** (29).
 Tropicorypha **vietrix** (46).
 Aesula **signoretiana** (46).
 Aethemenes **stâlianus** (47).
 Palomena **unicolorella** (52).
 Rhytidolomia **reuteriana** (54).
 Euschistus biformis var. **nigrita** (64).
 Mecocephala **darwini** (71).
 Hypaulacus **spinolanus** (74).
 Aelia glebana var. **confusa** (78).
 Cosmopepla **liutneriana** (80).
 Sepontia stigmatica var. **fasciata** (81).
 Carbula **abacta** (87); **litigatrix** (88); **trimaculata** (89).
 Thyanta **immemor** (94).
 Eurydema festiva var. **pietella** (100).
 Stenozygum erythraspis var. **birarae** (104).
 S. sculpticollis vars. **ornata**, **pieta** and **picturata** (105).
 Bagrada **cruciferarum** (108).
 Hyrmie 6-punctata var. **montrouzierana** (115).
 Plautia **dyakana** (124).
 Antestia cincticollis var. **bergrothiana** (128); **clymeneis** (128); **javana**, **lymphata** and **massyllia** (129); **orbona** (130).
 Pygomenidia varipennis var. **atromarginata** (134).
Brachycoris insignis vars. **nigrescens** and **flavinitum** (135).
 Cuspicona **zeloma** (143).
 Rhynchocoris **poseidon** (144).

- Vitellus proteus* (144).
Pharnus insulicola (151).
Edessa botocudo, *brontes* and *buceria* (155); *epulo* (157).
E. junix var. *dariensis* (159).
E. rufomarginata var. *aruakana* (164).
E. sexdens var. *macusi* (165).
E. tapuyana (165); *tupi* (166).
Acanthosoma manchuriana (172).
Elasmucha necopinata (177).
Ectenus servulus (191).
Dendrites kershawi (194).
Pentatoma griseola and *picturata* (242).
Eurydema oleraceoides (242).
Dalsira servilis (246).
Aspongopus orientalis (257); *ululatus* (258).
Odontoscelis fuliginosa var. *dorsata* (265).
Phimodera galgulina var. *pallidula* (267).
P. nodicollis var. *reuteriana* (267).
Eurygaster shoshone (273).
E. integriceps var. *hellenica* and *subgrisea* (274).
E. maurus vars. *nigraus* and *heberti* (274).
E. nigrocucullata vars. *fuscescens* and *eurhemia* (275).
Agonosoma trivittata var. *fabricii* (278).
Tiridates sexmaculata var. *decolor*, *decemmaculata* and *magnifica* (278).
Sphyracoris punctellus var. *sanguineoconsersa*, *pallidomaculata* and *nigricans* (279).
Symphylus caribbeanus (280).
Deroplax silphoides var. *stigmata* and *schoutedeni* (282).
Pachycoris variabilis var. *hieroglyphica* (284).
Tetyra antillarum (284).
Augocoris gomesii vars. *flavescens* and *aeneonigra* (289).
Chrysocoris insularis (295).
C. sellatus var. *stålî* (295).
Calliphara quadrinotata var. *papuensis* and *admiraltyensis* (298).
Lampromica leucozyana var. *deliratrix*, *nebulosa* and *martini* (300).
Calidea distinguenda var. *pulehrior* (302).
C. panaethiopica (302).
Tectocoris diopthalmus vars. *peregrina*, *cookiana* and *venusta* (306).
Brachyplatys testudonigra var. *mascarena* (325).

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- Carbula damalis* (367).
Eurydema ornata var. *gorskiana* (367).
E. syriaca (367).
Pentatoma leliiformis (368).
Vitellus insulivagus (368).
Pentatoma oligocena (369).
Symphylus amazonicus (370).
Coleotichus blackburniae var. *gemmifera* (370).
Pycnum alternatum var. *amethysta* (370).
Ventocoris tataricus (369).
Lampromica gloriosa (370).

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